

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042522\
 Data File : VN072194.D
 Acq On : 25 Apr 2022 21:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/26/2022
 Supervised By : Mahesh Dadoda 04/26/2022

Quant Time: Apr 26 05:42:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	467903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	710939	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	685400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	280646	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	214132	40.087	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	80.180%		
35) Dibromofluoromethane	8.016	113	208426	49.821	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.640%		
50) Toluene-d8	10.439	98	816629	47.718	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.440%		
62) 4-Bromofluorobenzene	12.727	95	280363	50.655	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	191709	51.537	ug/l	97
3) Chloromethane	2.299	50	194275	41.215	ug/l	99
4) Vinyl Chloride	2.440	62	206900	39.969	ug/l	99
5) Bromomethane	2.816	94	114996	34.174	ug/l	96
6) Chloroethane	2.993	64	131365	35.276	ug/l	98
7) Trichlorofluoromethane	3.357	101	304849	46.288	ug/l	98
8) Diethyl Ether	3.822	74	131851	47.372	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	187866	46.290	ug/l	96
10) Methyl Iodide	4.416	142	276929	48.813	ug/l	99
11) Tert butyl alcohol	5.363	59	223020	257.273	ug/l	98
12) 1,1-Dichloroethene	4.175	96	185310	47.982	ug/l	84
13) Acrolein	4.040	56	79997	75.685	ug/l	98
14) Allyl chloride	4.840	41	250059	39.891	ug/l	91
15) Acrylonitrile	5.551	53	624252	247.750	ug/l	97
16) Acetone	4.287	43	438293	191.995	ug/l	91
17) Carbon Disulfide	4.522	76	411508	46.439	ug/l	99
18) Methyl Acetate	4.851	43	255618	45.069	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	673463	46.938	ug/l	100
20) Methylene Chloride	5.093	84	228183	47.423	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	199031	46.944	ug/l	91
22) Diisopropyl ether	6.492	45	563748	41.311	ug/l #	94
23) Vinyl Acetate	6.428	43	2402853	221.421	ug/l	95
24) 1,1-Dichloroethane	6.381	63	360951	45.056	ug/l	98
25) 2-Butanone	7.328	43	727534	221.069	ug/l	92
26) 2,2-Dichloropropane	7.322	77	272257	39.560	ug/l	96
27) cis-1,2-Dichloroethene	7.322	96	252830	48.630	ug/l	90
28) Bromochloromethane	7.657	49	119971	37.123	ug/l #	81
29) Tetrahydrofuran	7.681	42	468743	219.969	ug/l	87
30) Chloroform	7.816	83	389098	45.997	ug/l	97
31) Cyclohexane	8.092	56	300042	41.303	ug/l	89
32) 1,1,1-Trichloroethane	8.010	97	327815	45.299	ug/l	96
36) 1,1-Dichloropropene	8.222	75	271592	46.489	ug/l	98
37) Ethyl Acetate	7.410	43	288194	45.070	ug/l	95
38) Carbon Tetrachloride	8.204	117	277458	48.460	ug/l	96
39) Methylcyclohexane	9.457	83	342500	49.251	ug/l	96
40) Benzene	8.457	78	899835	48.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	143539	45.846	ug/l	92
42) 1,2-Dichloroethane	8.528	62	274498	42.998	ug/l	94
43) Isopropyl Acetate	8.557	43	468990	44.096	ug/l	96
44) Trichloroethene	9.210	130	239192	50.309	ug/l	96
45) 1,2-Dichloropropane	9.486	63	220425	47.811	ug/l	99
46) Dibromomethane	9.575	93	156988	50.152	ug/l	94
47) Bromodichloromethane	9.757	83	300855	48.826	ug/l	96
48) Methyl methacrylate	9.557	41	208282	47.202	ug/l	87
49) 1,4-Dioxane	9.563	88	114838	1098.365	ug/l	94
51) 4-Methyl-2-Pentanone	10.327	43	1477210	241.574	ug/l	91
52) Toluene	10.504	92	608401	52.153	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	324346	50.224	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	354414	49.669	ug/l #	90
55) 1,1,2-Trichloroethane	10.892	97	246440	51.329	ug/l	99
56) Ethyl methacrylate	10.757	69	380101	55.496	ug/l #	84
57) 1,3-Dichloropropane	11.039	76	396521	49.396	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	472172	225.695	ug/l	97
59) 2-Hexanone	11.080	43	1057399	245.607	ug/l	88
60) Dibromochloromethane	11.233	129	260009	55.540	ug/l	99
61) 1,2-Dibromoethane	11.339	107	251247	53.162	ug/l	98
64) Tetrachloroethene	10.975	164	209407	46.268	ug/l	98
65) Chlorobenzene	11.769	112	670883	48.883	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	245034	49.479	ug/l	99
67) Ethyl Benzene	11.839	91	1144202	49.249	ug/l	98
68) m/p-Xylenes	11.951	106	895849	100.356	ug/l	97
69) o-Xylene	12.274	106	452121	51.027	ug/l	96
70) Styrene	12.292	104	722998	53.856	ug/l	98
71) Bromoform	12.451	173	212037	56.224	ug/l #	99
73) Isopropylbenzene	12.574	105	1145726	48.447	ug/l	100
74) N-amyl acetate	12.386	43	296252	43.721	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.821	83	354337	44.905	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	306902m	47.206	ug/l	
77) Bromobenzene	12.857	156	283480	47.816	ug/l	91
78) n-propylbenzene	12.916	91	1203496	48.378	ug/l	98
79) 2-Chlorotoluene	13.004	91	745288	46.715	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	935872	49.946	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	103938	49.543	ug/l	90
82) 4-Chlorotoluene	13.098	91	682752	46.169	ug/l	98
83) tert-Butylbenzene	13.321	119	846159	49.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	914215	50.006	ug/l	100
85) sec-Butylbenzene	13.498	105	1112487	50.104	ug/l	98
86) p-Isopropyltoluene	13.610	119	916209	51.752	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	447900	47.422	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	429360	46.596	ug/l	99
89) n-Butylbenzene	13.939	91	645821	49.184	ug/l	99
90) Hexachloroethane	14.204	117	166393	51.344	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	442365	47.708	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	61221	50.019	ug/l	90
93) 1,2,4-Trichlorobenzene	15.257	180	214813	48.174	ug/l	98
94) Hexachlorobutadiene	15.362	225	128104	46.844	ug/l	99
95) Naphthalene	15.504	128	664436	51.839	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	219456	50.687	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

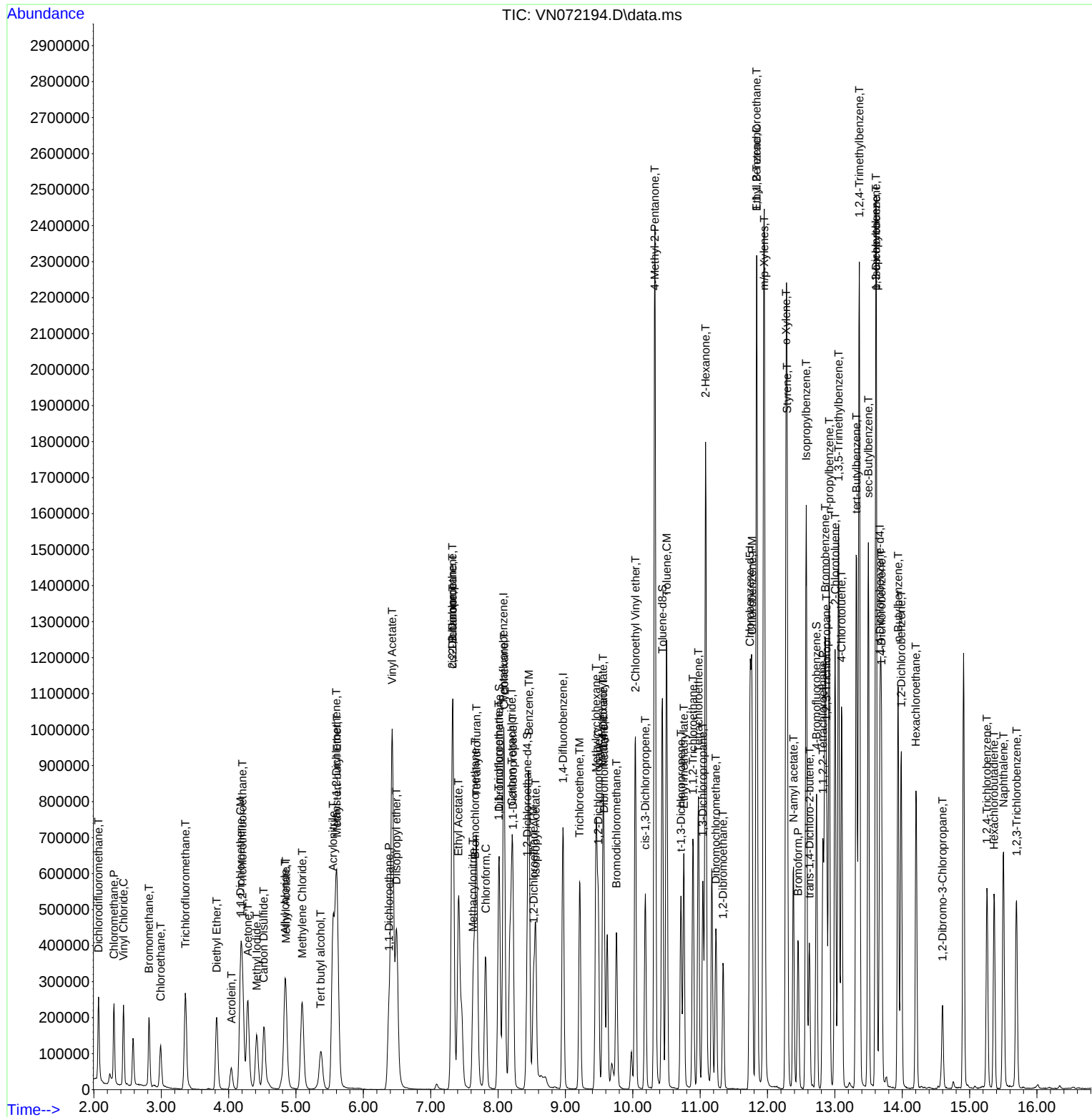
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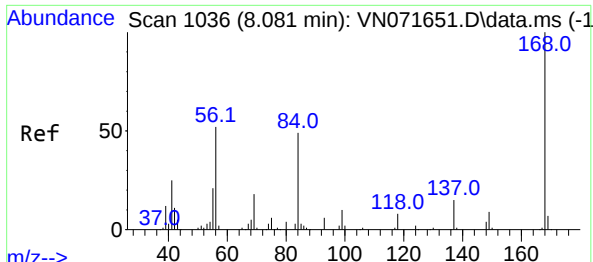
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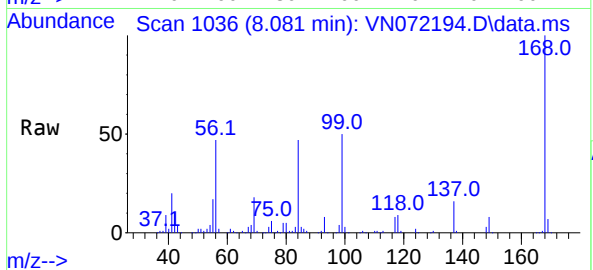
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072194.D
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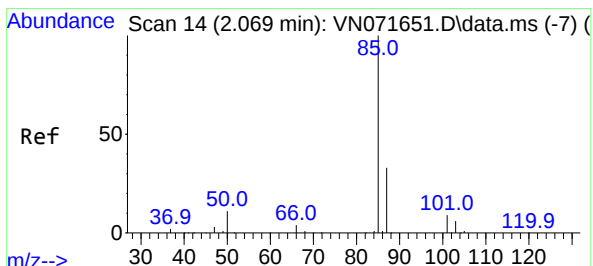
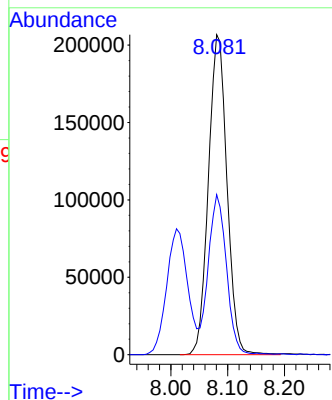


Tgt Ion:168 Resp: 46790
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5

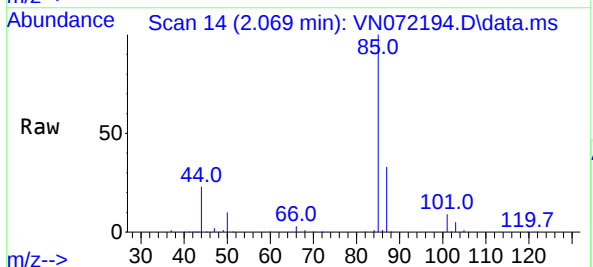
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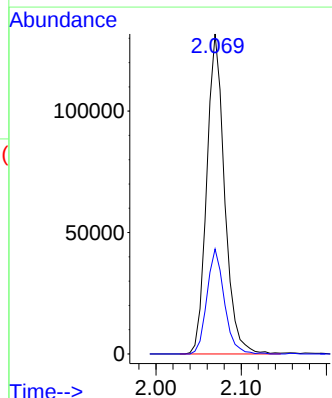
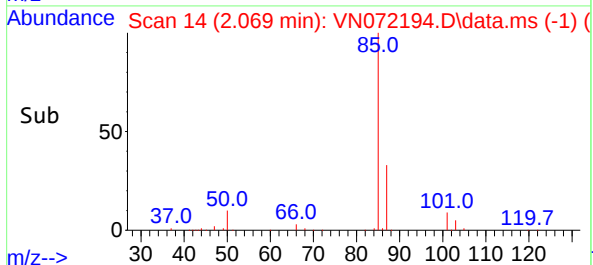
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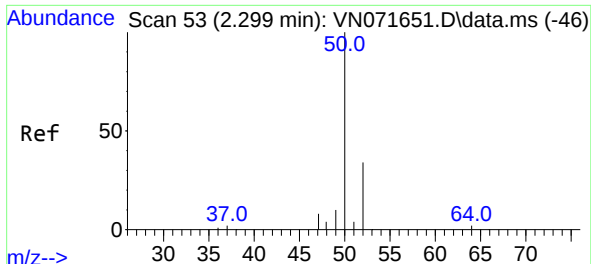


#2
Dichlorodifluoromethane
Concen: 51.537 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



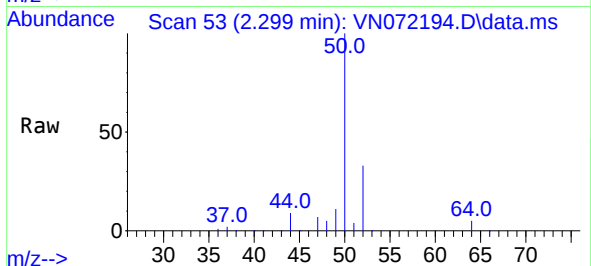
Tgt Ion: 85 Resp: 191709
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.1





#3
Chloromethane
Concen: 41.215 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

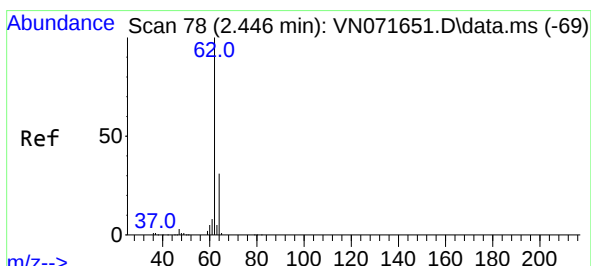
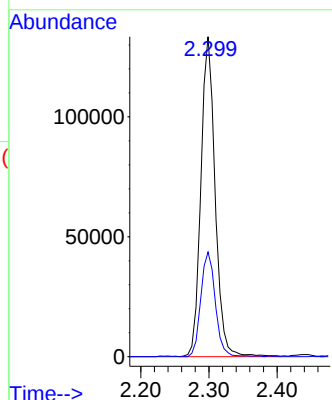
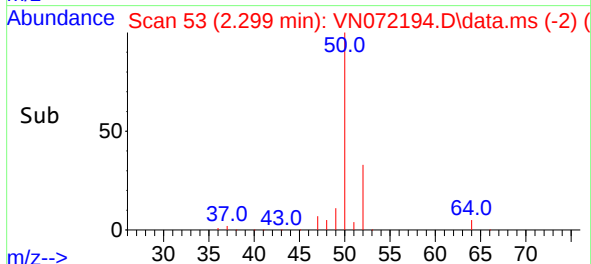
Instrument :
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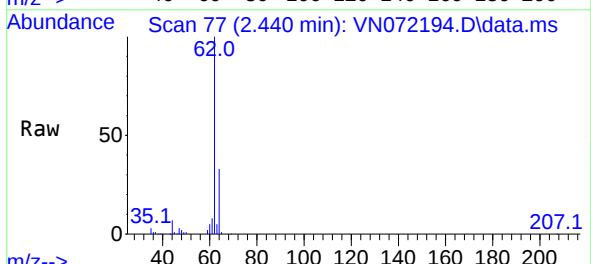
Tgt Ion: 50 Resp: 194275
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

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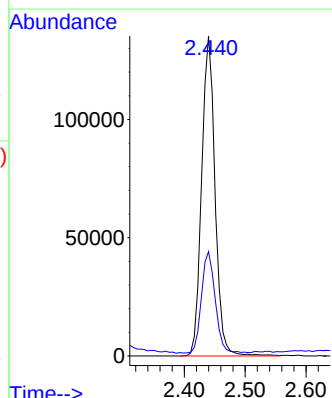
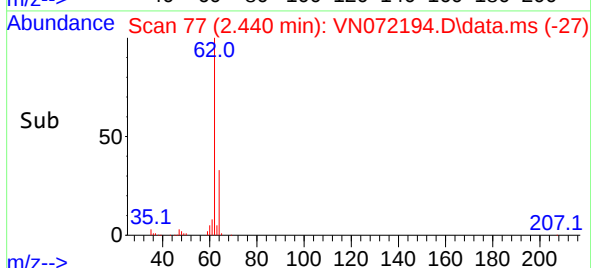
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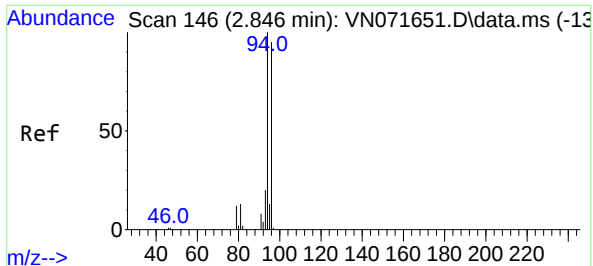


#4
Vinyl Chloride
Concen: 39.969 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



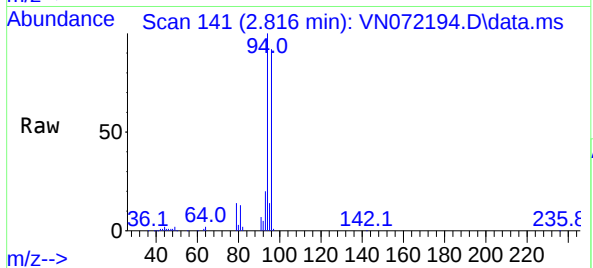
Tgt Ion: 62 Resp: 206900
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.4





#5
Bromomethane
Concen: 34.174 ug/l
RT: 2.816 min Scan# 146
Delta R.T. -0.030 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

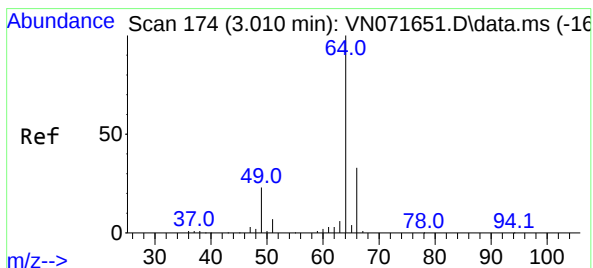
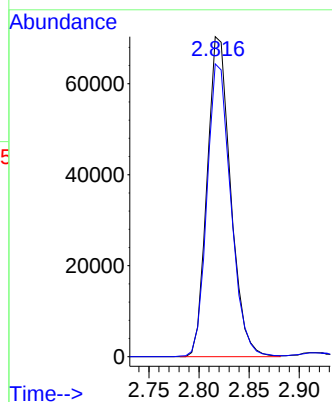
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Tgt Ion: 94 Resp: 114990
Ion Ratio Lower Upper
94 100
96 91.3 76.0 114.0

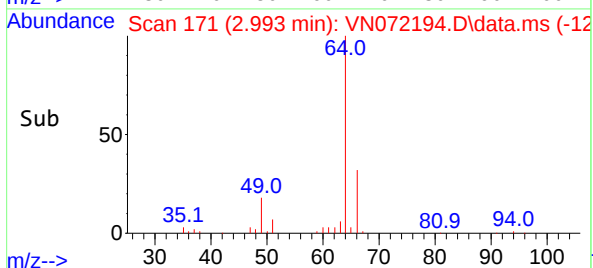
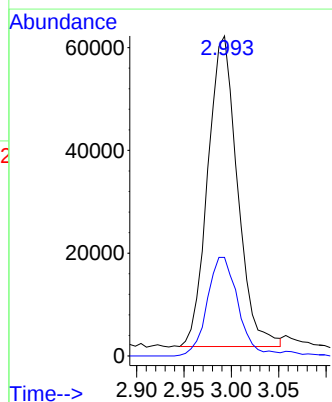
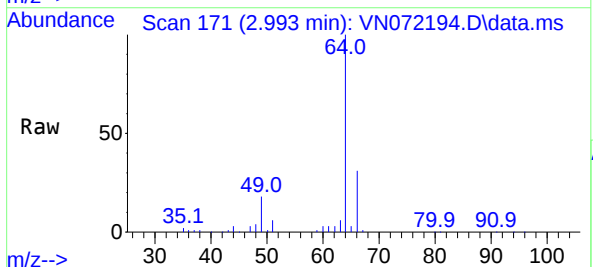
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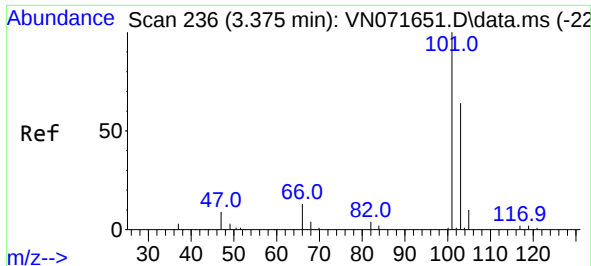
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#6
Chloroethane
Concen: 35.276 ug/l
RT: 2.993 min Scan# 171
Delta R.T. -0.017 min
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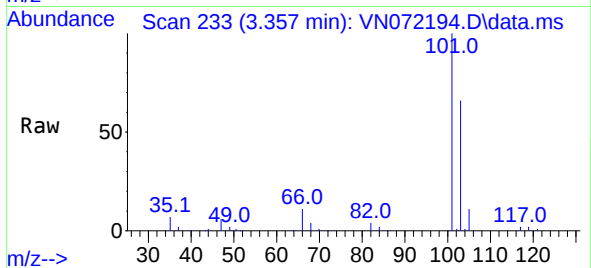
Tgt Ion: 64 Resp: 131365
Ion Ratio Lower Upper
64 100
66 31.5 26.2 39.4





#7
Trichlorofluoromethane
Concen: 46.288 ug/l
RT: 3.357 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN072194.D
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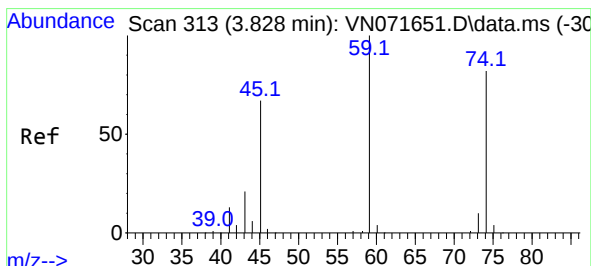
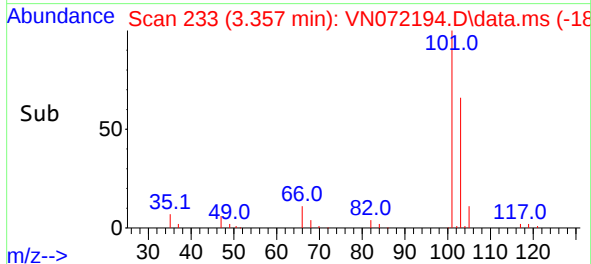
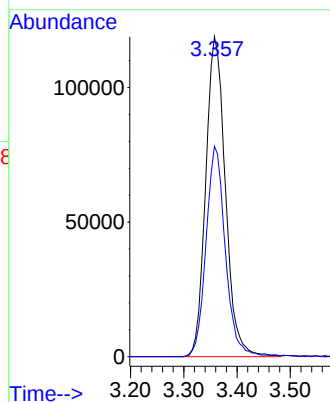
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Tgt Ion:101 Resp: 304849
Ion Ratio Lower Upper
101 100
103 65.8 51.5 77.3

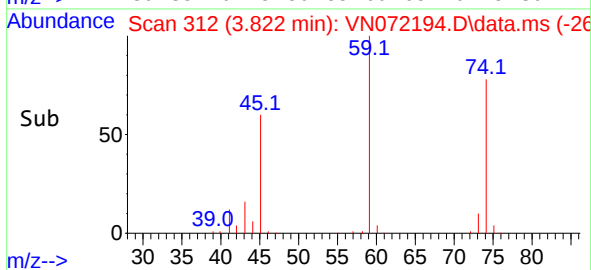
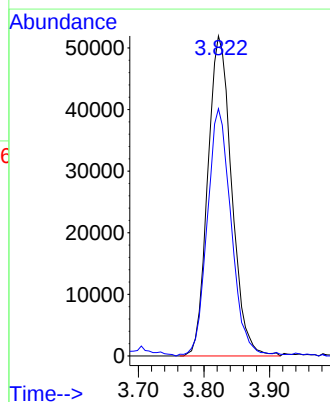
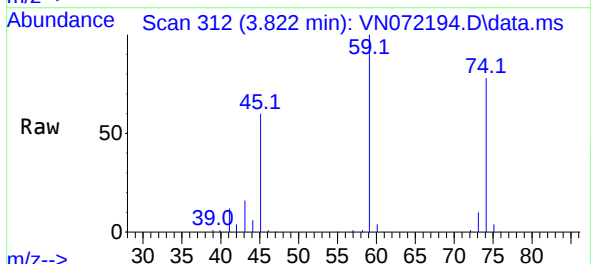
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#8
Diethyl Ether
Concen: 47.372 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion: 74 Resp: 131851
Ion Ratio Lower Upper
74 100
45 77.1 42.9 128.5





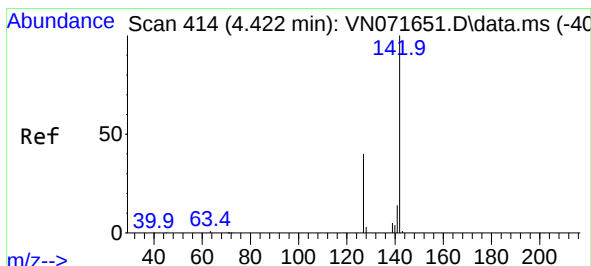
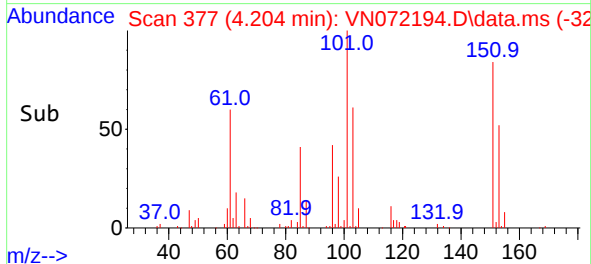
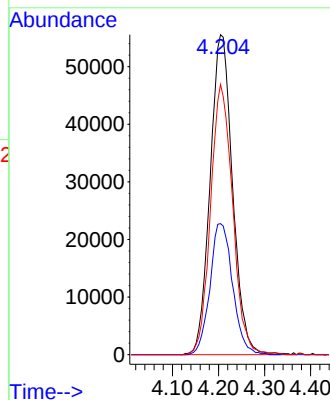
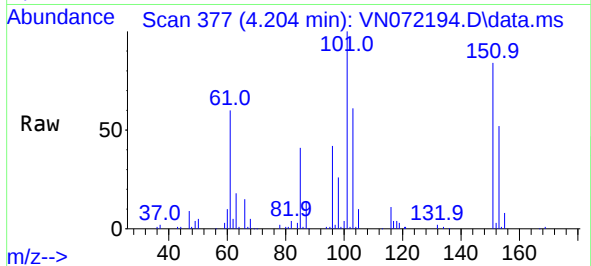
#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.290 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 18786
Ion Ratio Lower Upper
101 100
85 41.3 34.7 52.1
151 83.1 63.0 94.4

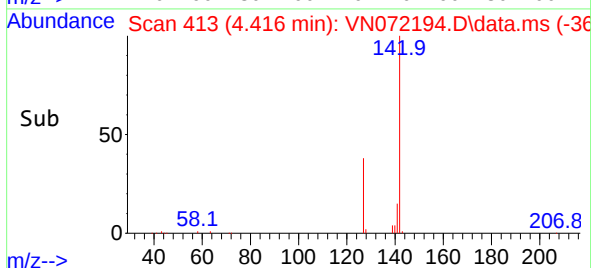
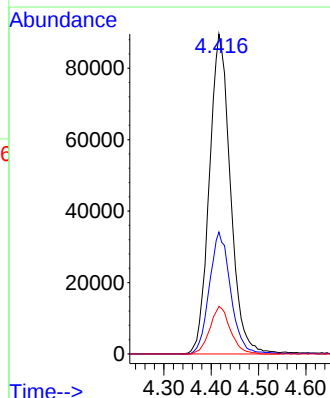
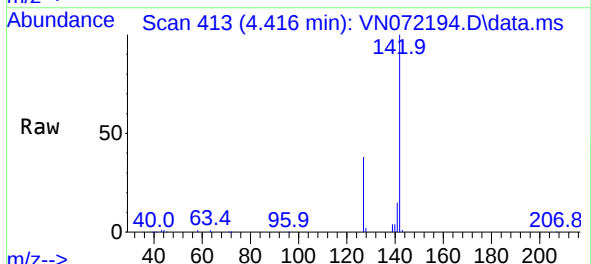
Manual Integrations
APPROVED

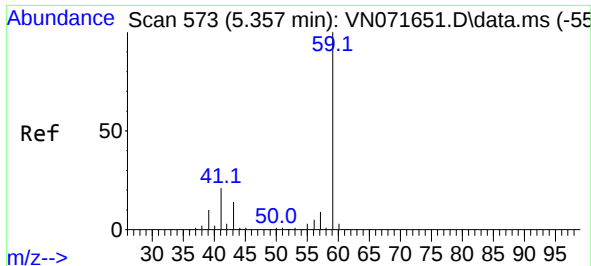
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#10
Methyl Iodide
Concen: 48.813 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

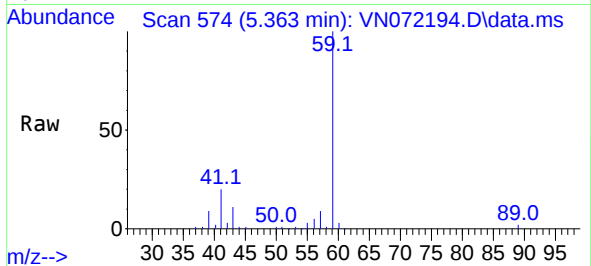
Tgt Ion:142 Resp: 276929
Ion Ratio Lower Upper
142 100
127 38.4 31.3 46.9
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 257.273 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

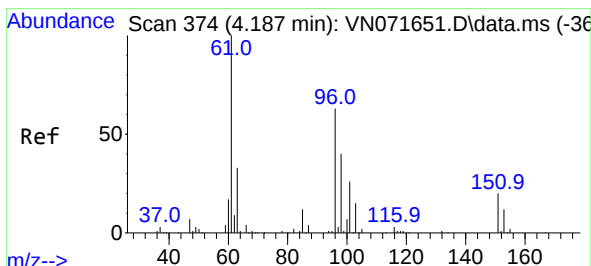
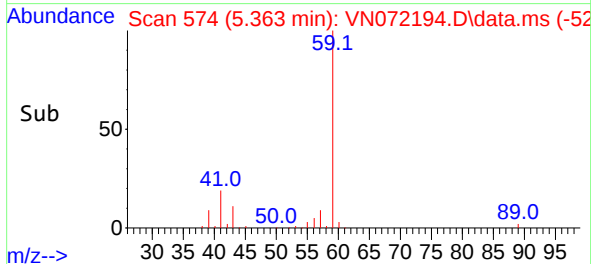
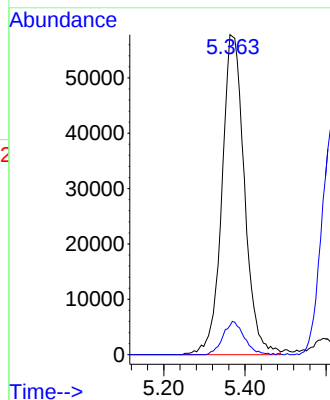
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 223020
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

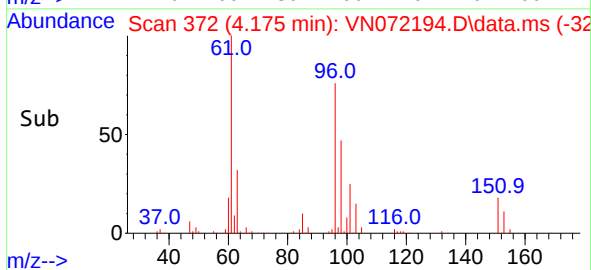
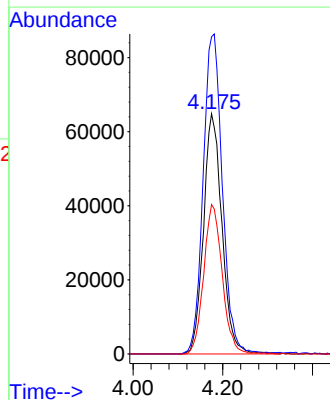
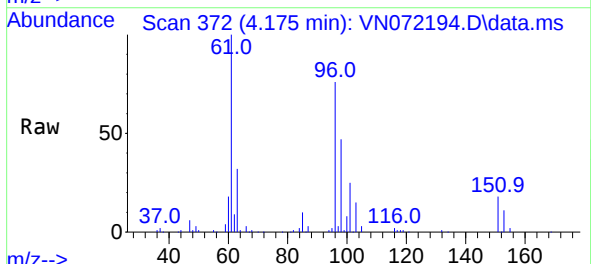
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#12
1,1-Dichloroethene
Concen: 47.982 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.012 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

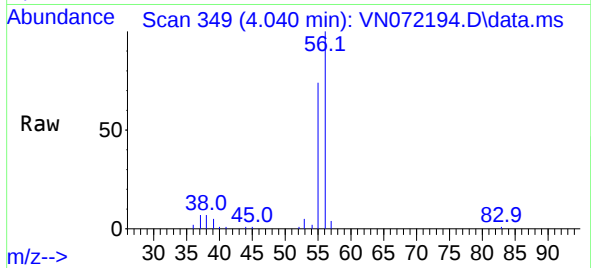
Tgt Ion: 96 Resp: 185310
Ion Ratio Lower Upper
96 100
61 132.1 127.6 191.4
98 62.2 51.2 76.8





#13
Acrolein
Concen: 75.685 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

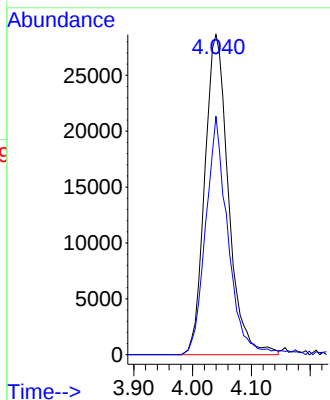
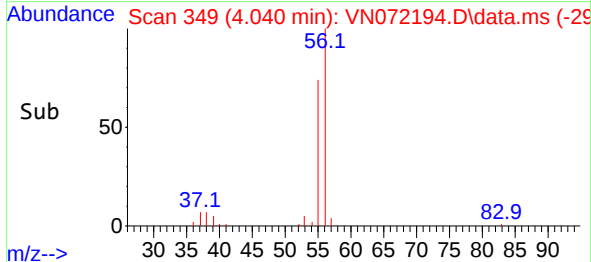
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



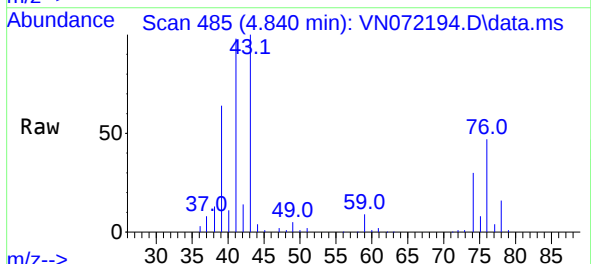
Tgt Ion: 56 Resp: 7999
Ion Ratio Lower Upper
56 100
55 70.4 54.8 82.2

Manual Integrations
APPROVED

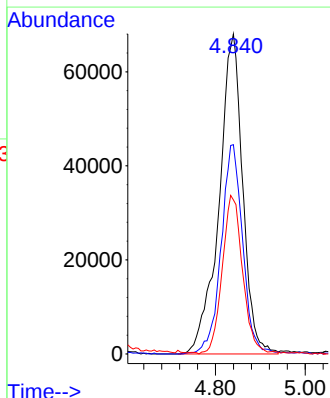
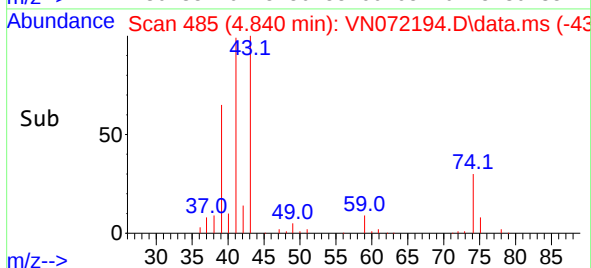
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#14
Allyl chloride
Concen: 39.891 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



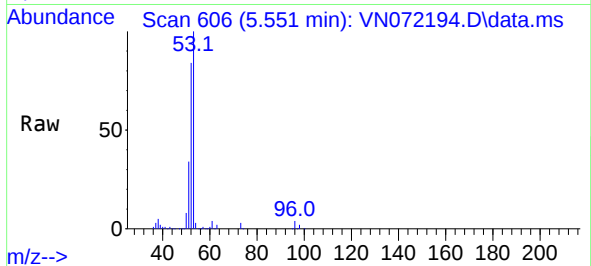
Tgt Ion: 41 Resp: 250059
Ion Ratio Lower Upper
41 100
39 59.6 53.2 79.8
76 42.7 29.9 44.9





#15
Acrylonitrile
Concen: 247.750 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

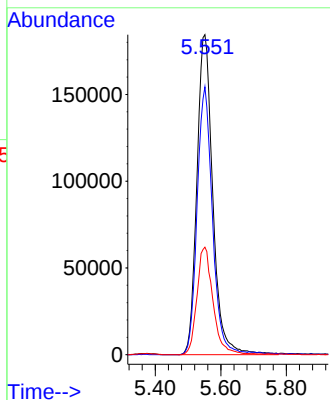
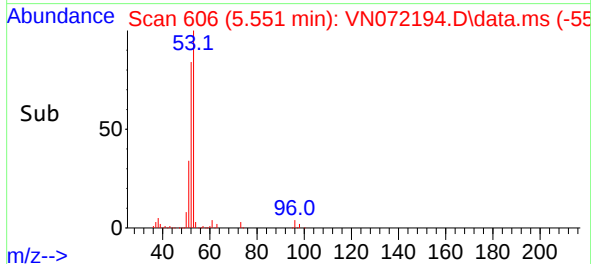
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



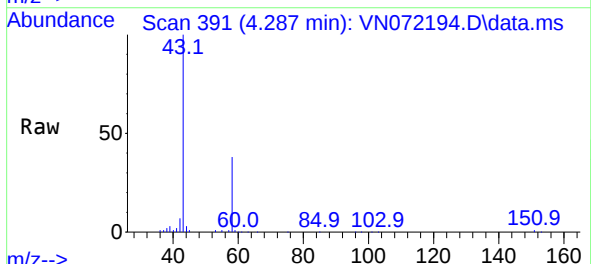
Tgt Ion: 53 Resp: 624252
Ion Ratio Lower Upper
53 100
52 80.5 66.4 99.6
51 34.1 28.5 42.7

Manual Integrations
APPROVED

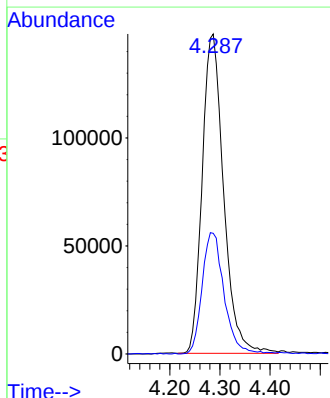
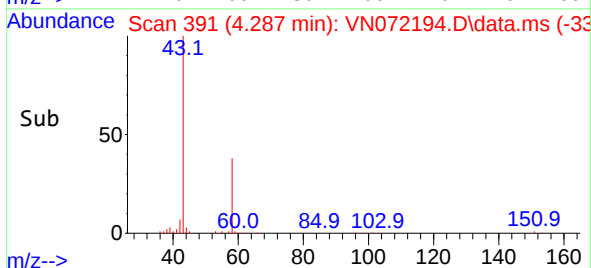
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#16
Acetone
Concen: 191.995 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 43 Resp: 438293
Ion Ratio Lower Upper
43 100
58 37.8 26.0 39.0





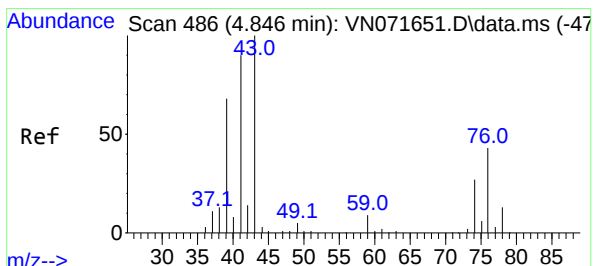
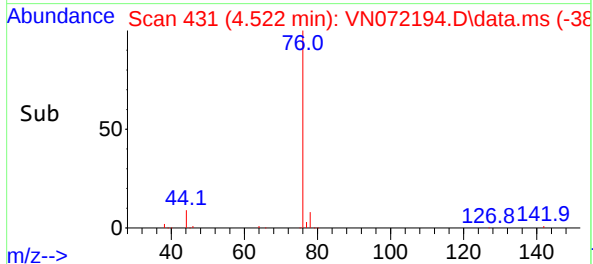
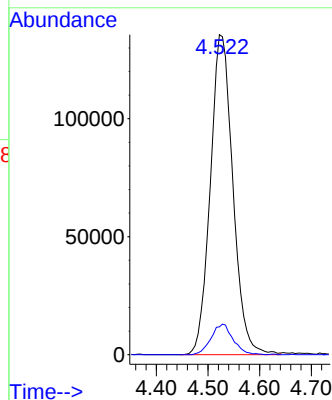
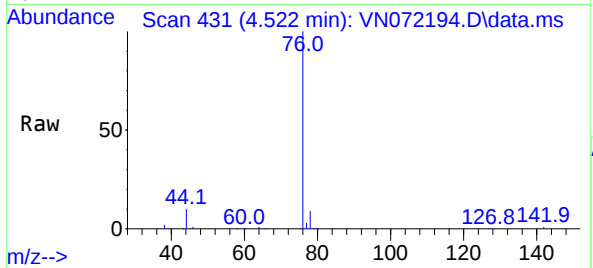
#17
Carbon Disulfide
Concen: 46.439 ug/l
RT: 4.522 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 411508
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

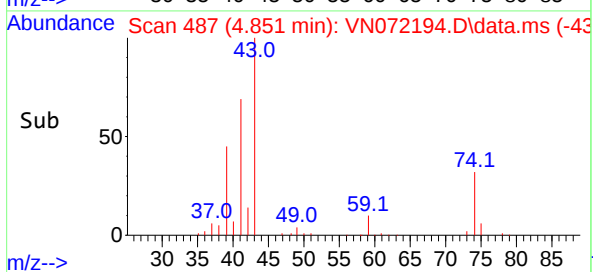
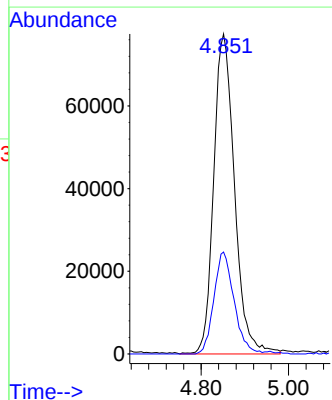
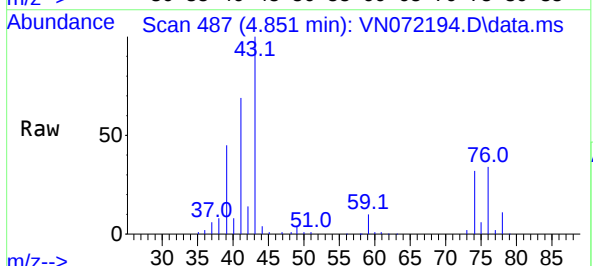
Manual Integrations
APPROVED

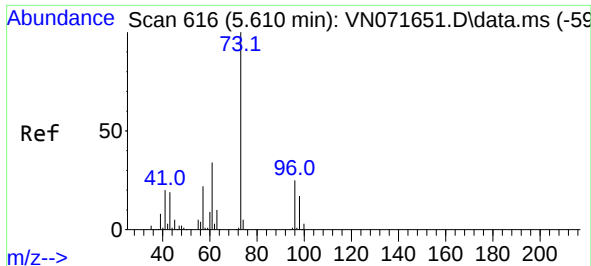
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#18
Methyl Acetate
Concen: 45.069 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

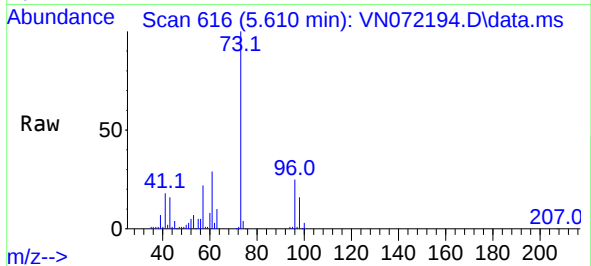
Tgt Ion: 43 Resp: 255618
Ion Ratio Lower Upper
43 100
74 30.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 46.938 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

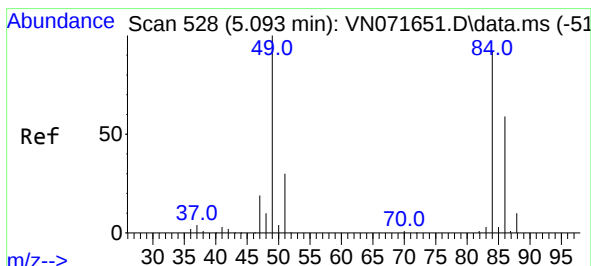
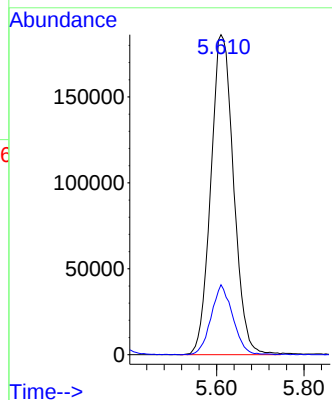
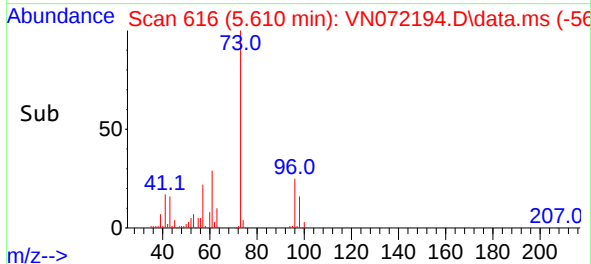
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



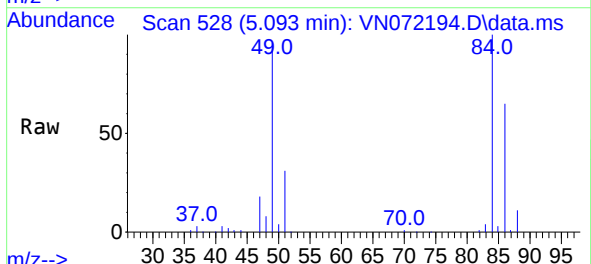
Tgt Ion: 73 Resp: 67346
Ion Ratio Lower Upper
73 100
57 21.8 17.6 26.4

Manual Integrations
APPROVED

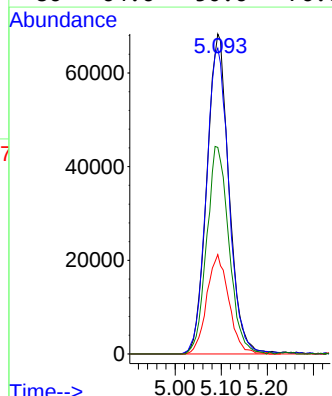
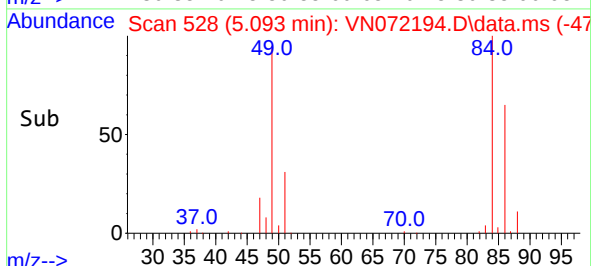
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

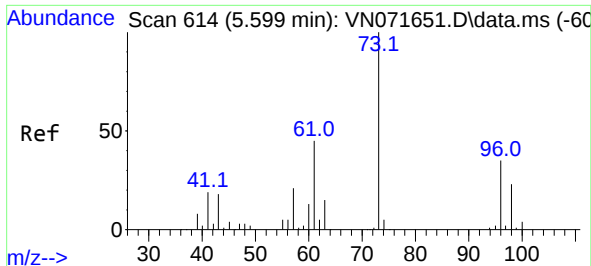


#20
Methylene Chloride
Concen: 47.423 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



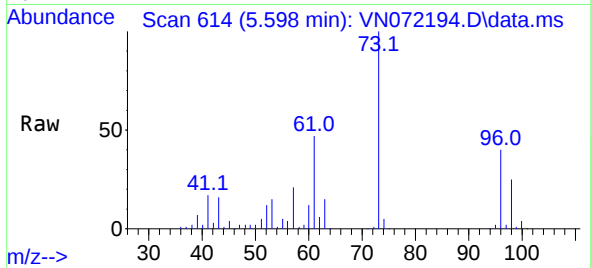
Tgt Ion: 84 Resp: 228183
Ion Ratio Lower Upper
84 100
49 95.6 88.3 132.5
51 31.0 28.2 42.2
86 64.6 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 46.944 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

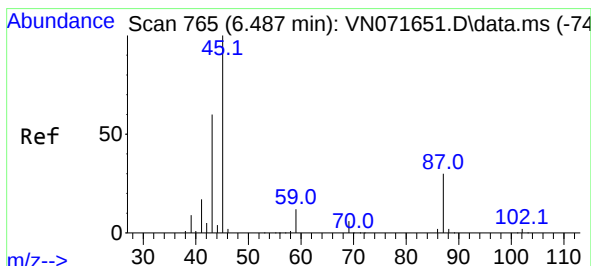
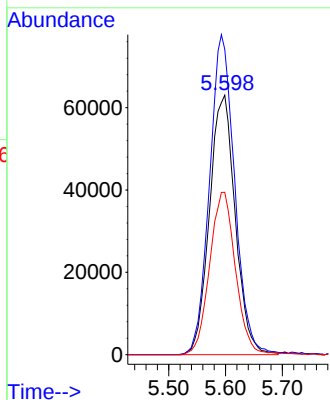
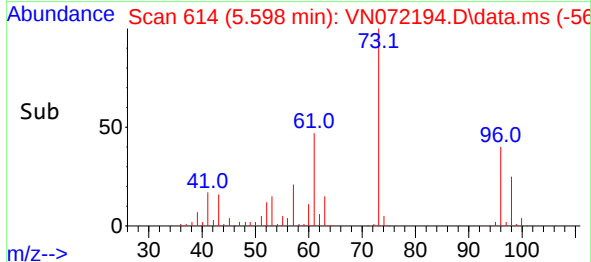
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



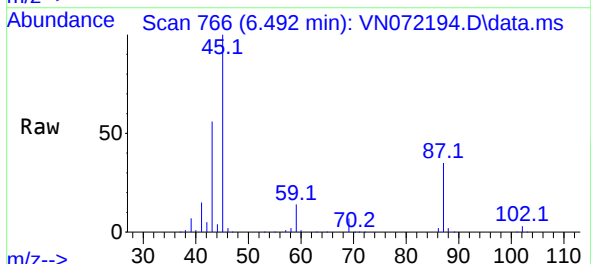
Tgt Ion: 96 Resp: 19903
Ion Ratio Lower Upper
96 100
61 117.7 105.8 158.8
98 62.6 50.3 75.5

Manual Integrations
APPROVED

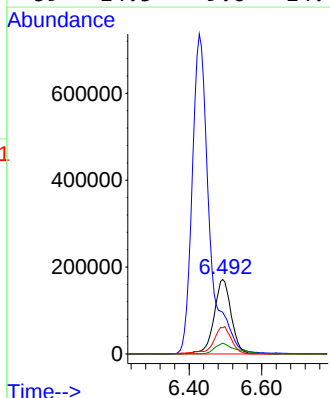
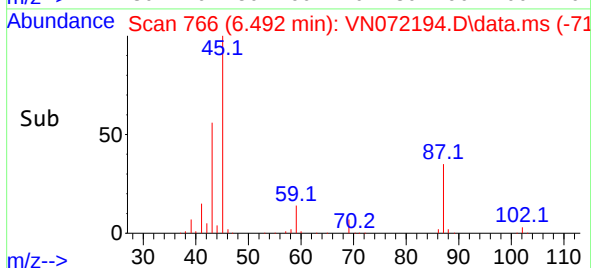
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

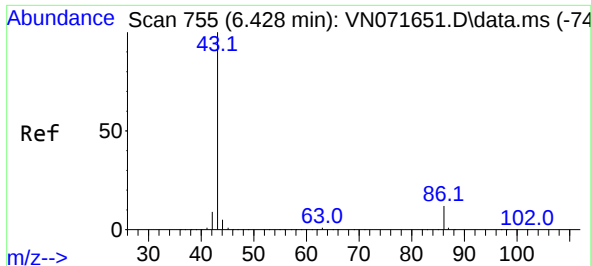


#22
Diisopropyl ether
Concen: 41.311 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 45 Resp: 563748
Ion Ratio Lower Upper
45 100
43 55.0 46.6 70.0
87 35.0 24.3 36.5
59 14.5 9.6 14.4





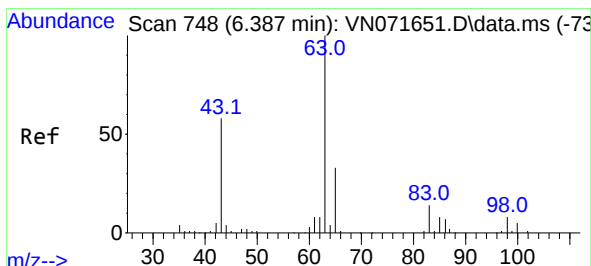
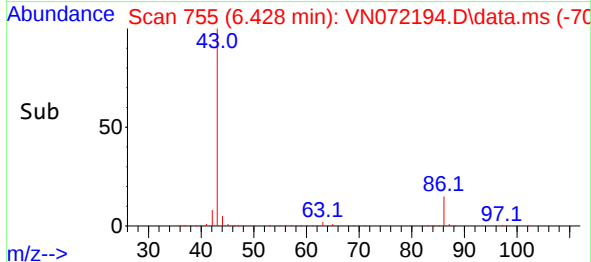
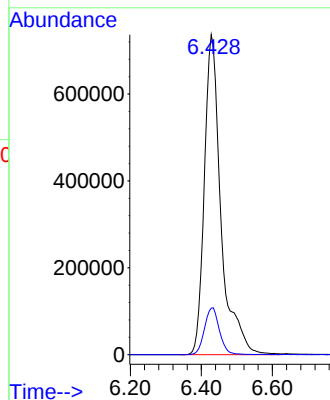
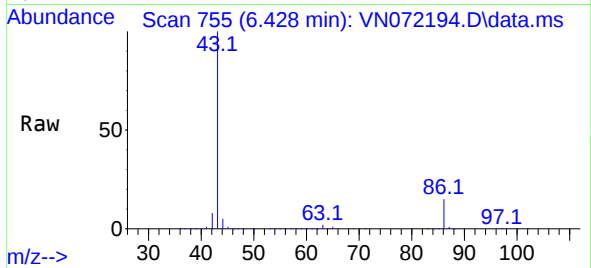
#23
 Vinyl Acetate
 Concen: 221.421 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN072194.D
 Acq: 25 Apr 2022 21:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 240285
 Ion Ratio Lower Upper
 43 100
 86 14.6 10.0 15.0

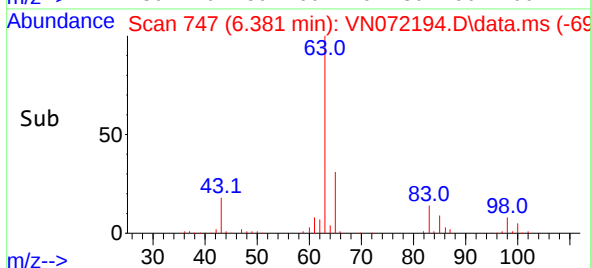
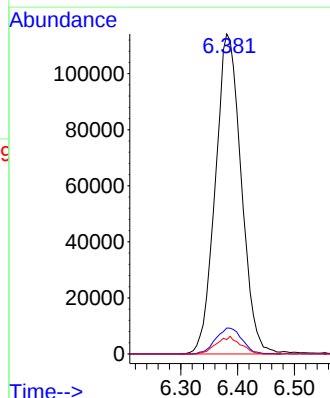
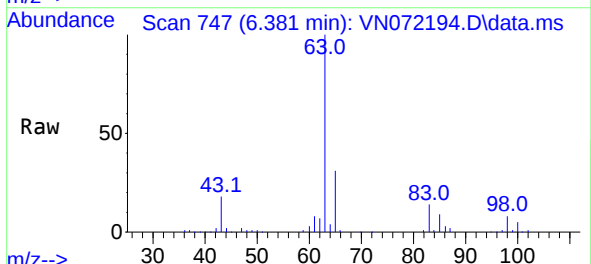
Manual Integrations
 APPROVED

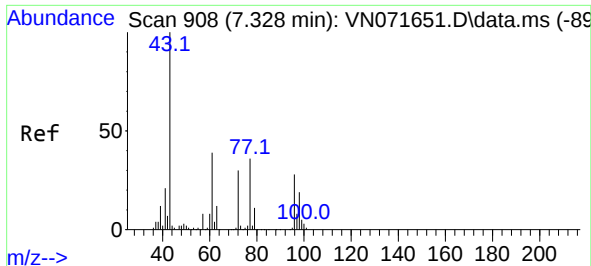
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022



#24
 1,1-Dichloroethane
 Concen: 45.056 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072194.D
 Acq: 25 Apr 2022 21:06

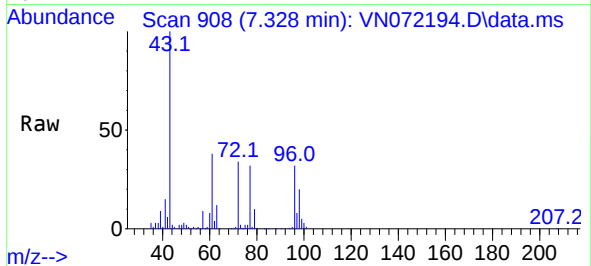
Tgt Ion: 63 Resp: 360951
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 221.069 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

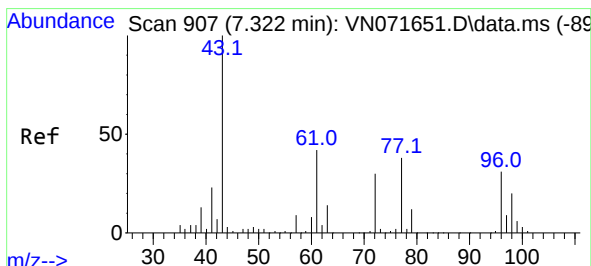
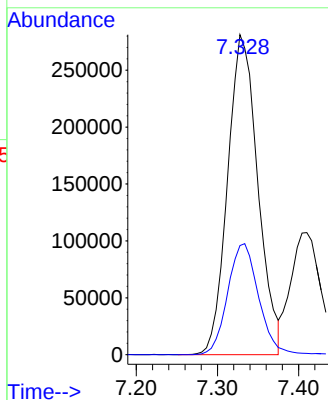
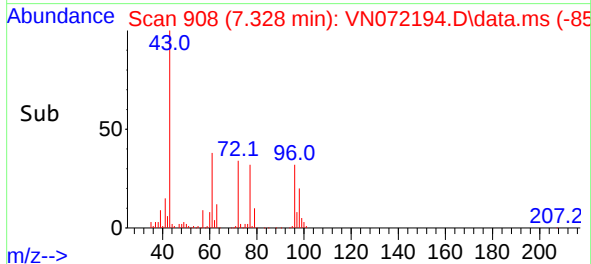
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



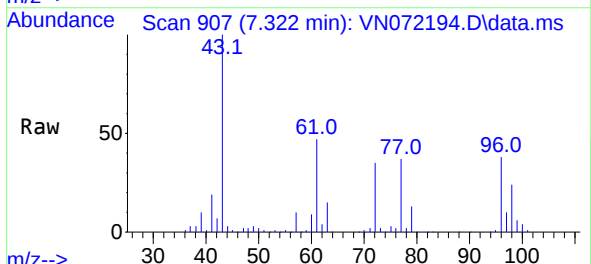
Tgt Ion: 43 Resp: 727534
Ion Ratio Lower Upper
43 100
72 34.1 23.7 35.5

Manual Integrations
APPROVED

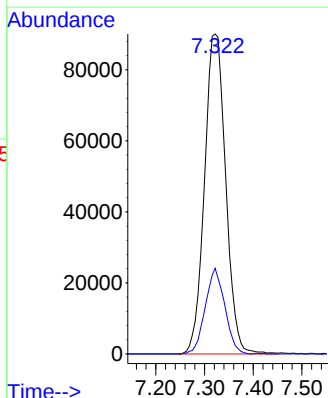
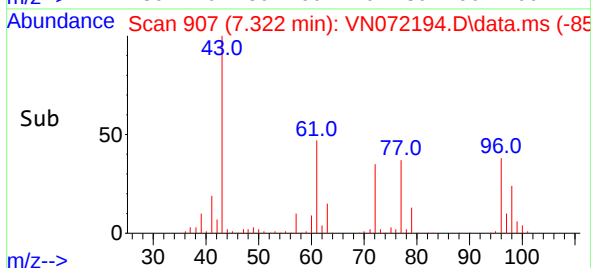
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#26
2,2-Dichloropropane
Concen: 39.560 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 77 Resp: 272257
Ion Ratio Lower Upper
77 100
97 24.6 11.4 34.2





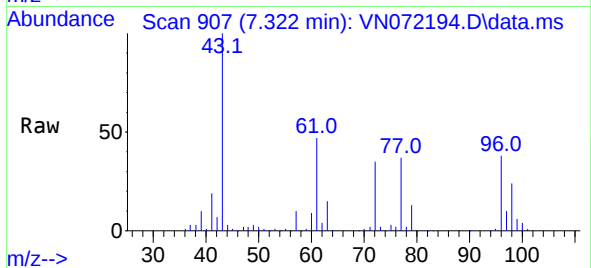
#27
cis-1,2-Dichloroethene
Concen: 48.630 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

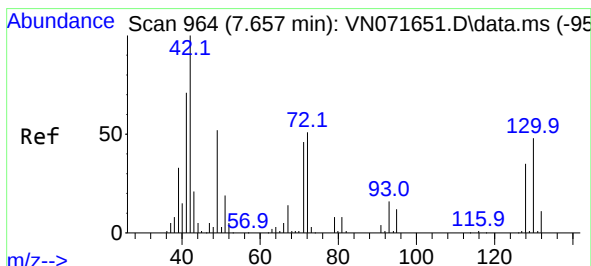
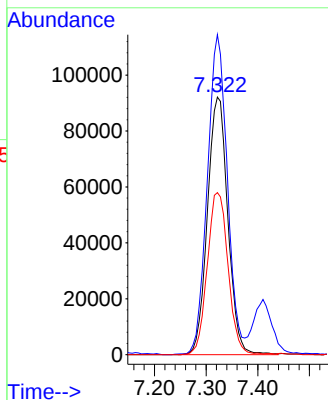
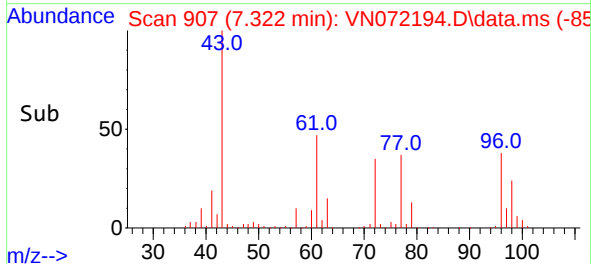


Tgt Ion: 96 Resp: 252830
Ion Ratio Lower Upper
96 100
61 121.8 0.0 280.6
98 64.0 0.0 128.4

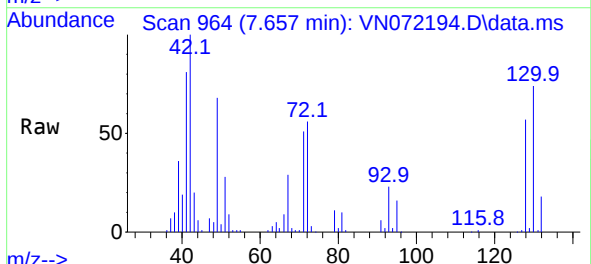
Manual Integrations

APPROVED

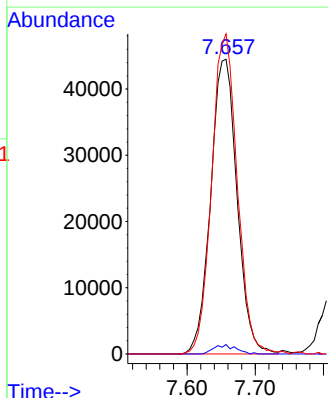
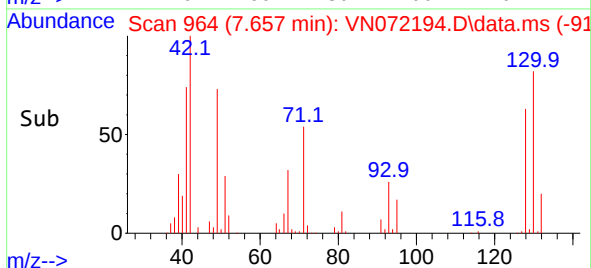
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

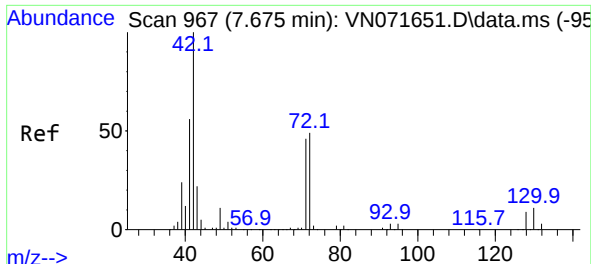


#28
Bromochloromethane
Concen: 37.123 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 49 Resp: 119971
Ion Ratio Lower Upper
49 100
129 2.6 0.0 4.6
130 105.2 69.7 104.5#





#29

Tetrahydrofuran

Concen: 219.969 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072194.D

Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 46874

Ion Ratio Lower Upper

42 100

72 58.5 39.7 59.5

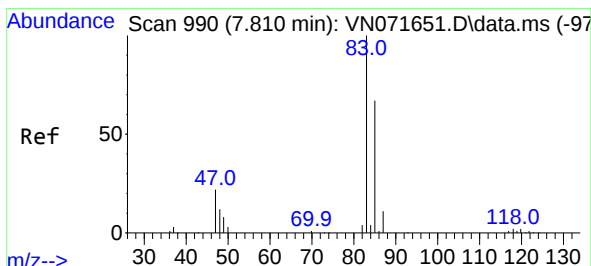
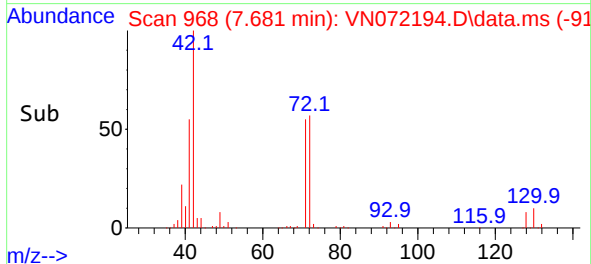
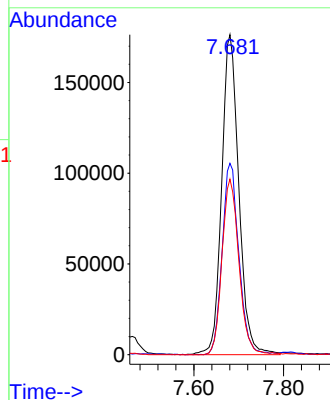
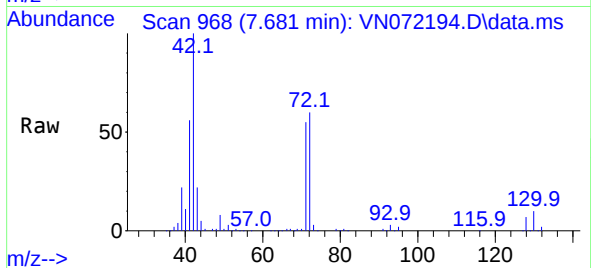
71 54.3 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#30

Chloroform

Concen: 45.997 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072194.D

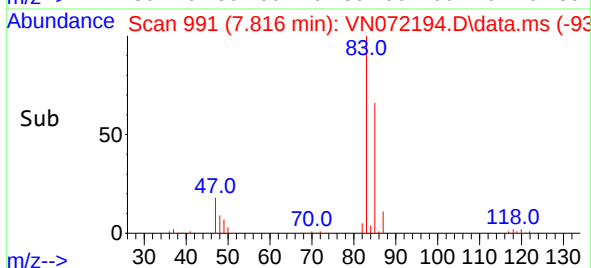
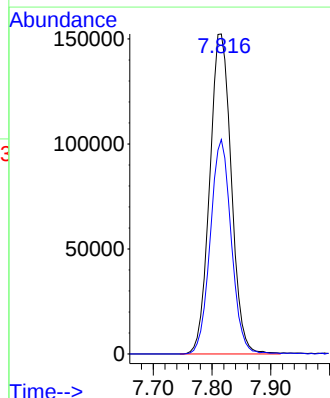
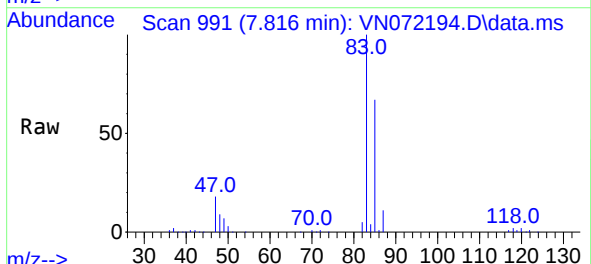
Acq: 25 Apr 2022 21:06

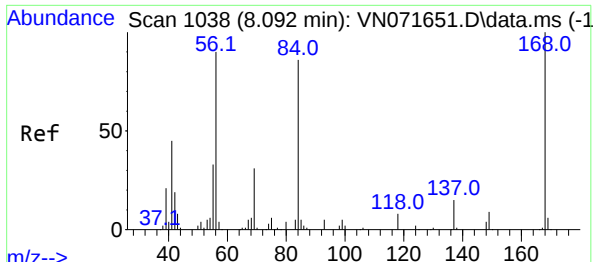
Tgt Ion: 83 Resp: 389098

Ion Ratio Lower Upper

83 100

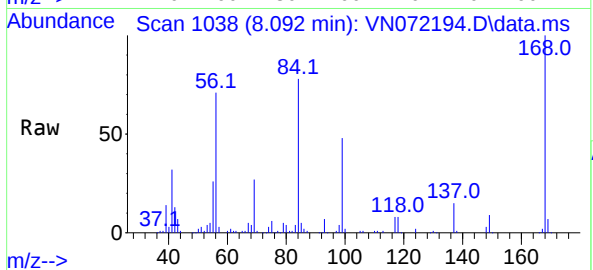
85 67.0 51.8 77.8





#31
Cyclohexane
Concen: 41.303 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

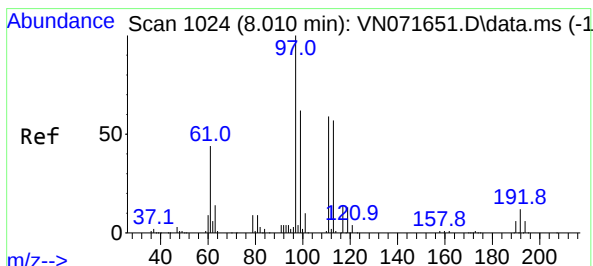
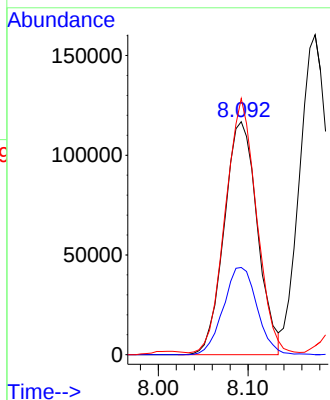
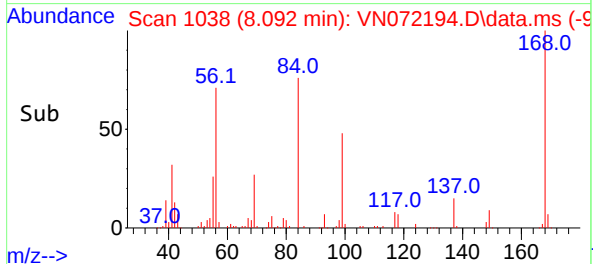
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



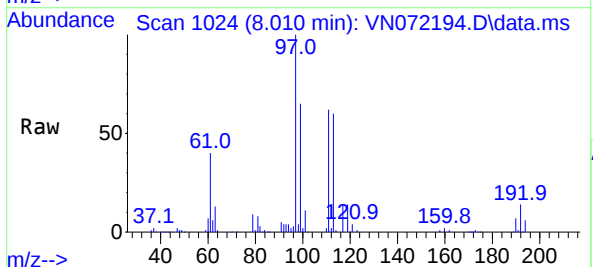
Tgt Ion: 56 Resp: 30004
Ion Ratio Lower Upper
56 100
69 37.4 27.8 41.8
84 108.7 76.9 115.3

Manual Integrations
APPROVED

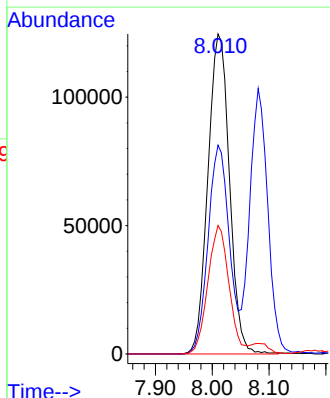
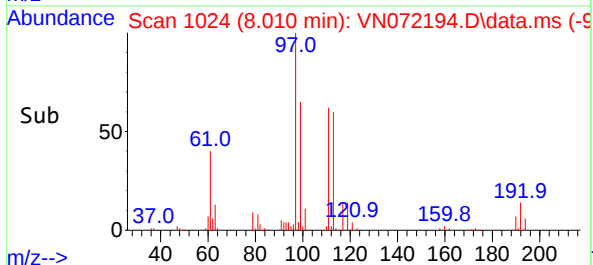
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

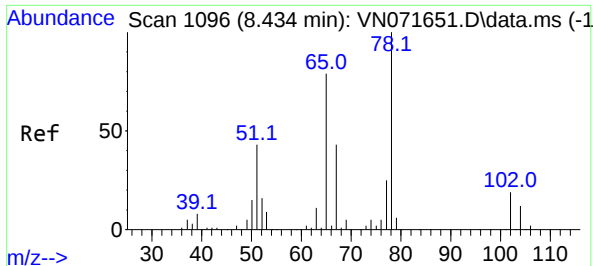


#32
1,1,1-Trichloroethane
Concen: 45.299 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 97 Resp: 327815
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 39.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 40.087 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

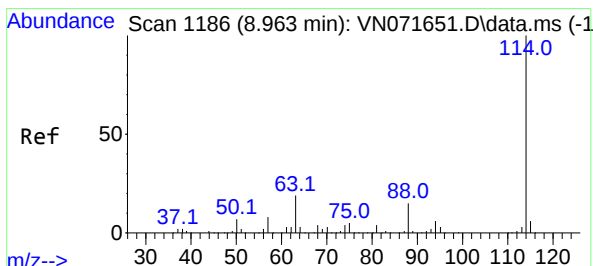
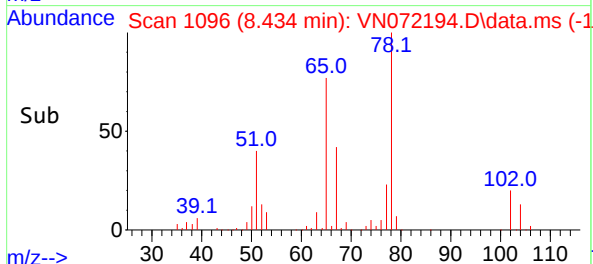
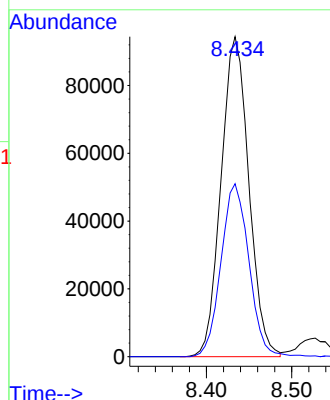
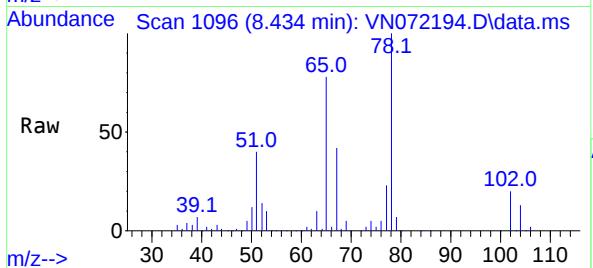
VSTDCCC050EC

Tgt Ion: 65 Resp: 21413
Ion Ratio Lower Upper
65 100
67 54.4 0.0 104.8

Manual Integrations

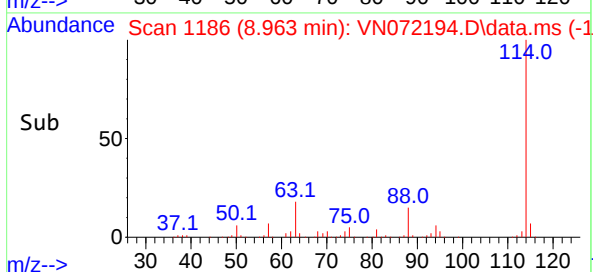
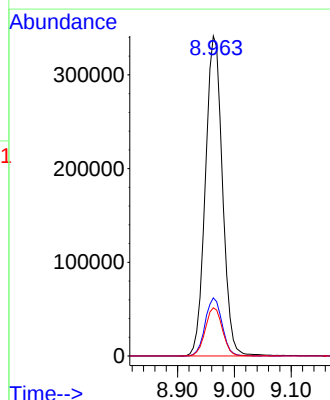
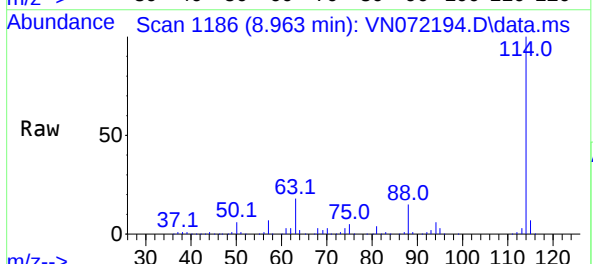
APPROVED

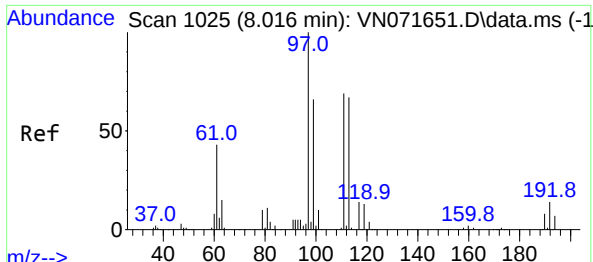
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

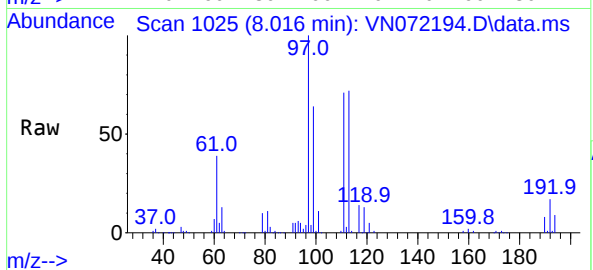
Tgt Ion:114 Resp: 710939
Ion Ratio Lower Upper
114 100
63 18.1 0.0 40.0
88 15.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.821 ug/l
RT: 8.016 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

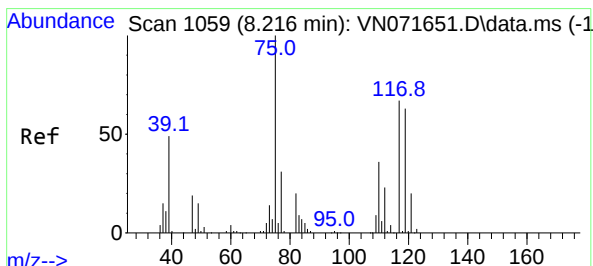
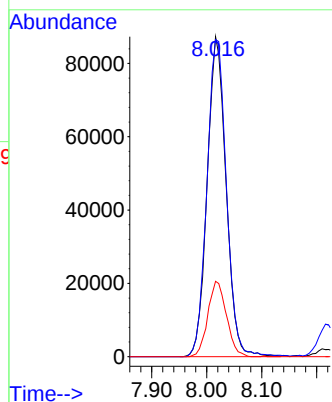
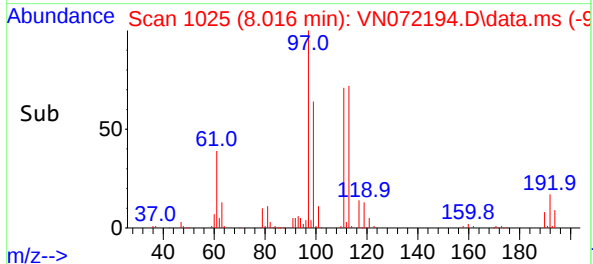
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



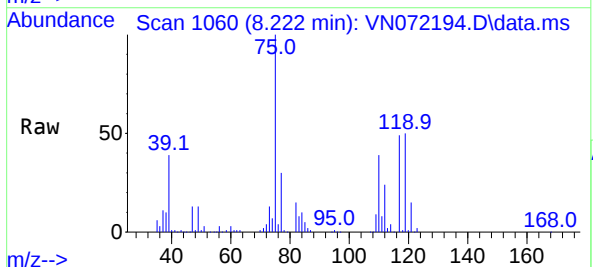
Tgt Ion: 113 Resp: 208420
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 23.2 17.0 25.6

Manual Integrations
APPROVED

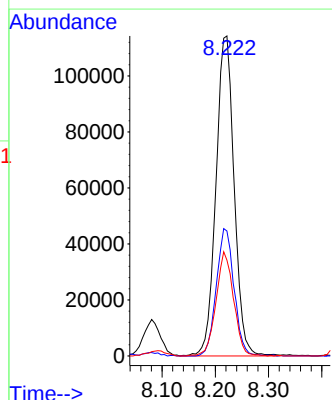
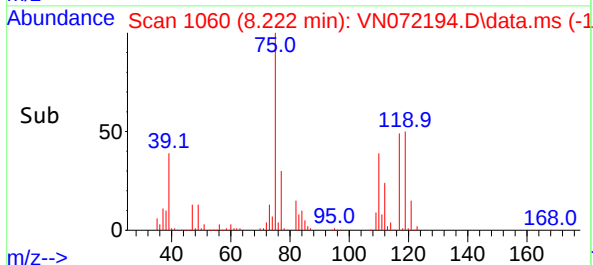
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

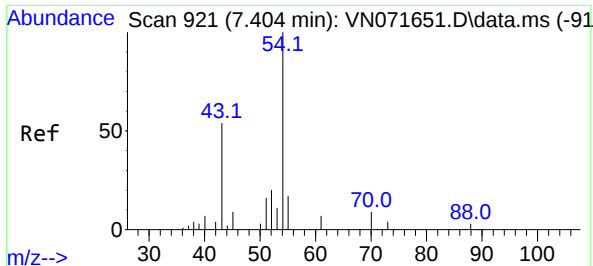


#36
1,1-Dichloropropene
Concen: 46.489 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 75 Resp: 271592
Ion Ratio Lower Upper
75 100
110 38.6 18.3 54.8
77 31.5 25.1 37.7





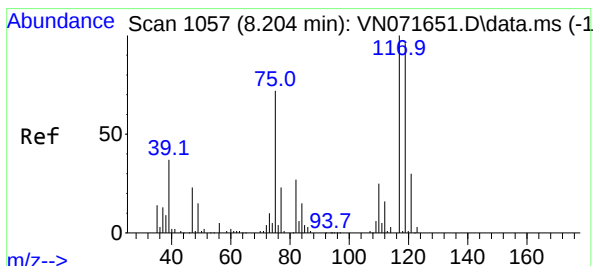
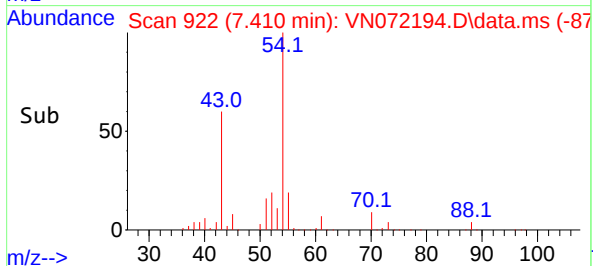
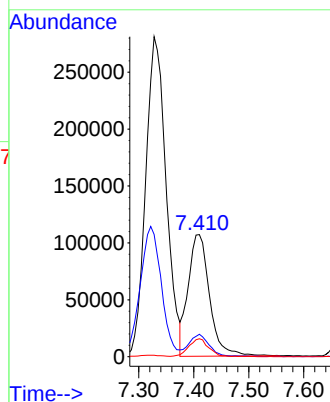
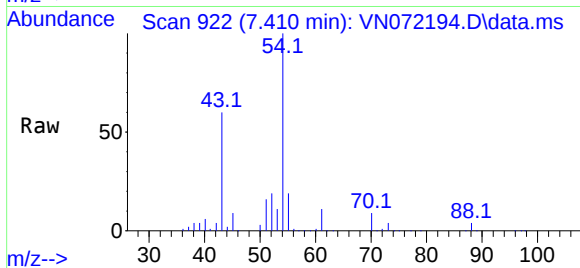
#37
Ethyl Acetate
Concen: 45.070 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 288194
Ion Ratio Lower Upper
43 100
61 16.8 11.8 17.6
70 13.5 9.3 13.9

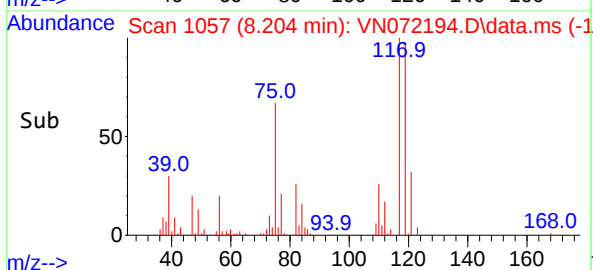
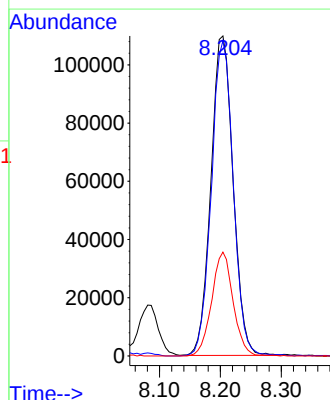
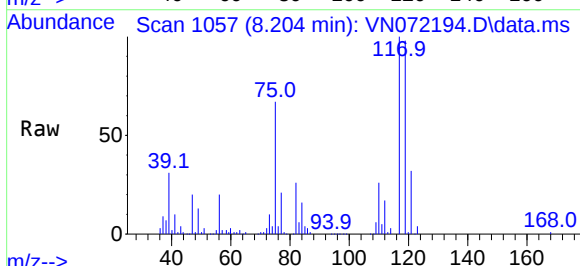
Manual Integrations
APPROVED

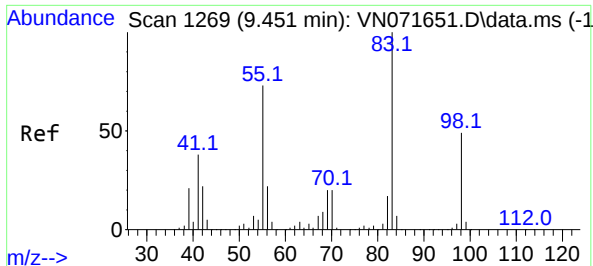
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#38
Carbon Tetrachloride
Concen: 48.460 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion:117 Resp: 277458
Ion Ratio Lower Upper
117 100
119 98.7 75.8 113.8
121 32.5 24.6 37.0





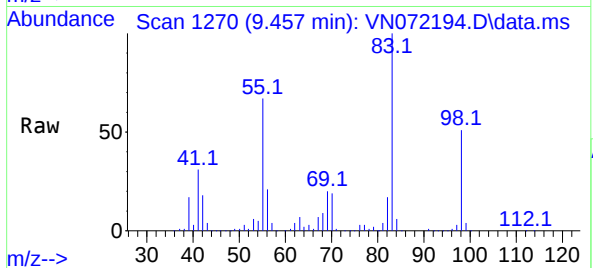
#39
Methylcyclohexane
Concen: 49.251 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



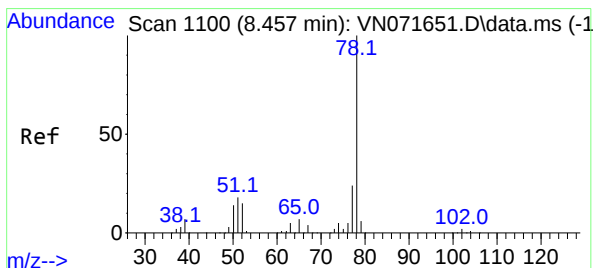
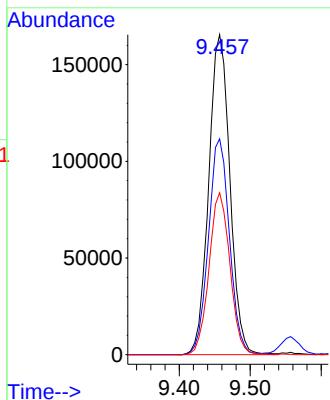
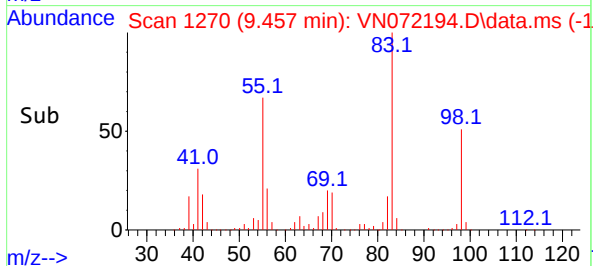
Tgt Ion: 83 Resp: 342500
Ion Ratio Lower Upper
83 100
55 67.5 57.8 86.8
98 50.6 39.4 59.2

Manual Integrations

APPROVED

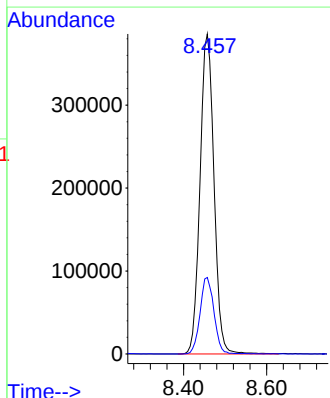
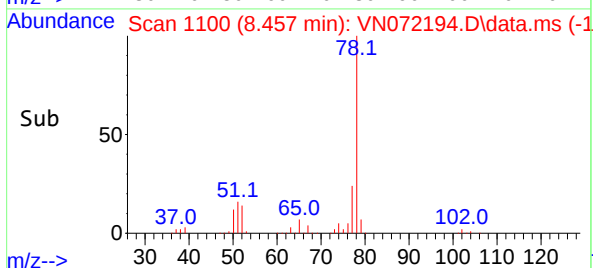
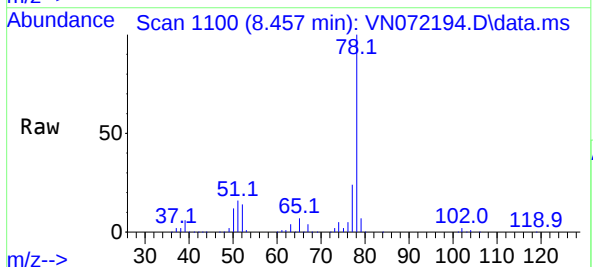
Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#40
Benzene
Concen: 48.759 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

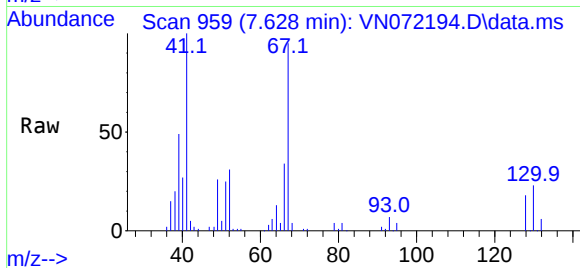
Tgt Ion: 78 Resp: 899835
Ion Ratio Lower Upper
78 100
77 23.9 19.4 29.0





#41
Methacrylonitrile
Concen: 45.846 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

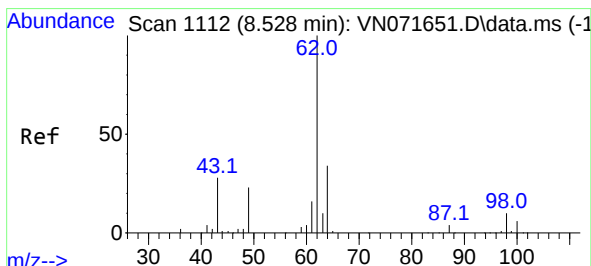
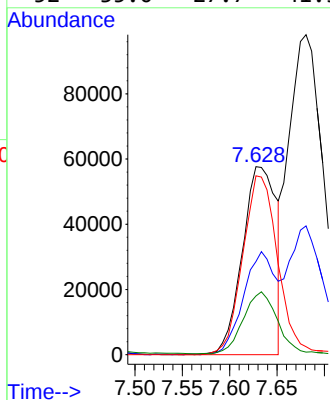
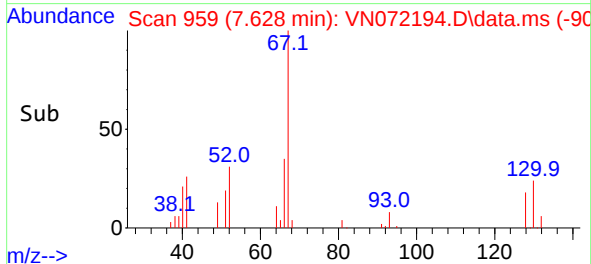
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



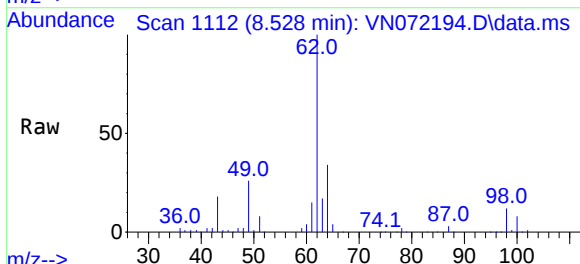
Tgt Ion: 41 Resp: 143539
Ion Ratio Lower Upper
41 100
39 52.0 48.6 73.0
67 99.0 73.4 110.2
52 35.0 27.7 41.5

Manual Integrations
APPROVED

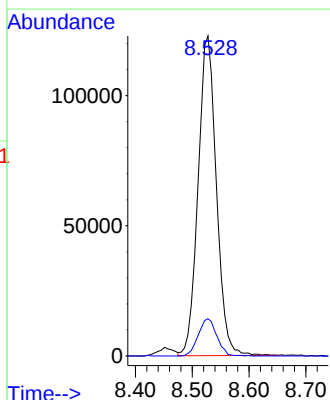
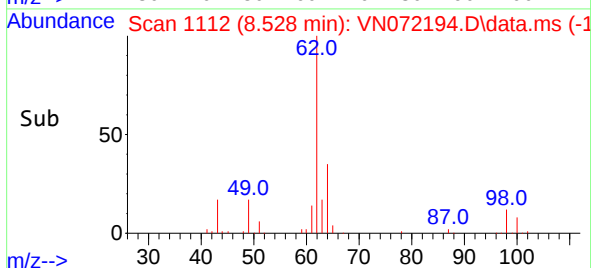
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

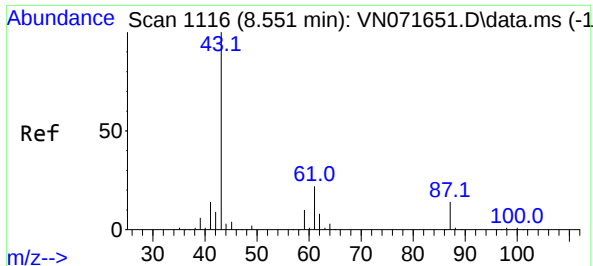


#42
1,2-Dichloroethane
Concen: 42.998 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 62 Resp: 274498
Ion Ratio Lower Upper
62 100
98 11.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 44.096 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

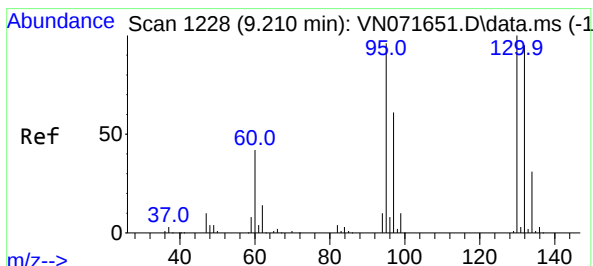
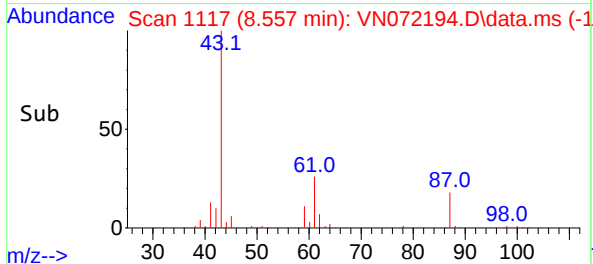
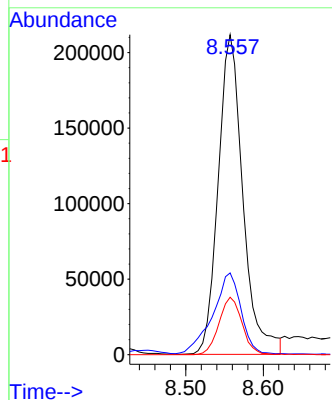
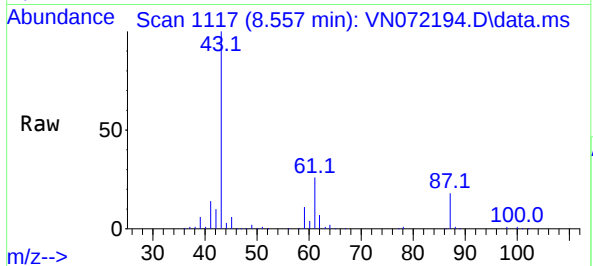
VSTDCCC050EC

Tgt Ion: 43 Resp: 468990
Ion Ratio Lower Upper
43 100
61 29.2 21.9 32.9
87 16.8 12.0 18.0

Manual Integrations

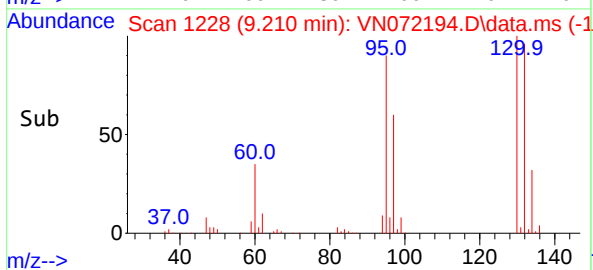
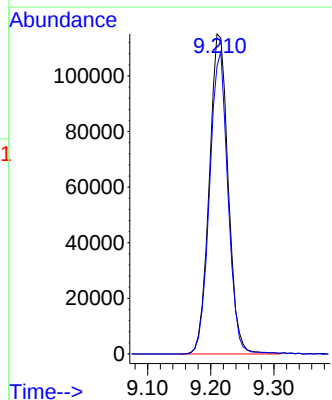
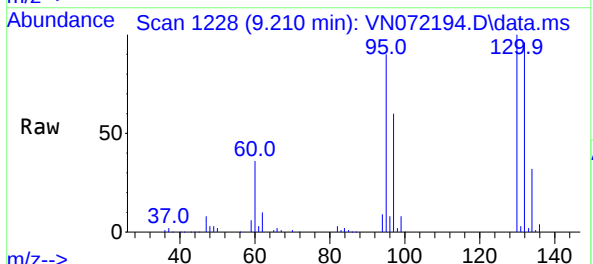
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#44
Trichloroethene
Concen: 50.309 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion:130 Resp: 239192
Ion Ratio Lower Upper
130 100
95 89.9 0.0 186.8





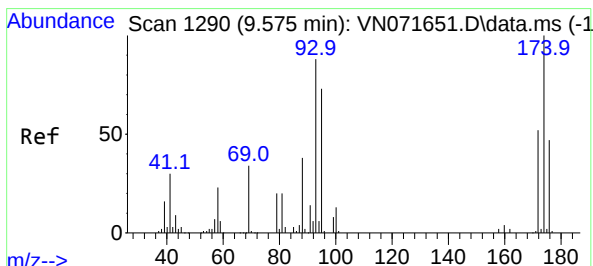
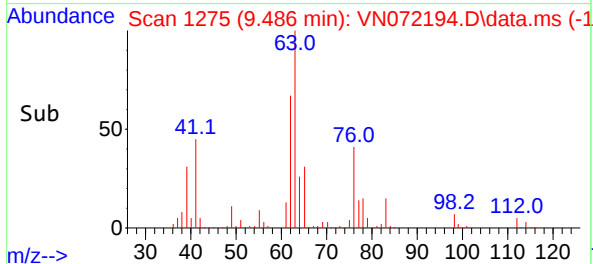
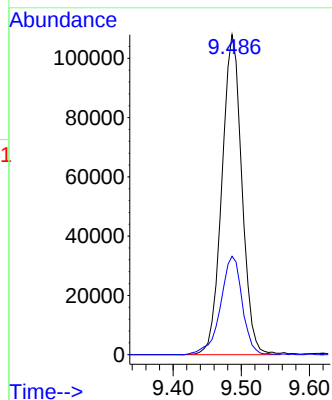
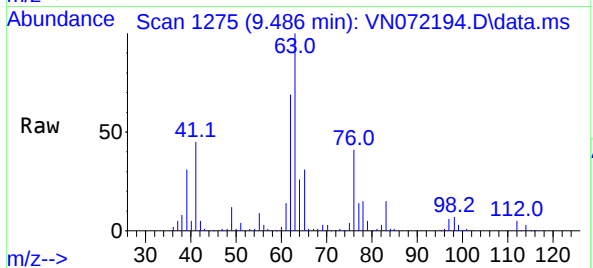
#45
1,2-Dichloropropane
Concen: 47.811 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 220425
Ion Ratio Lower Upper
63 100
65 30.7 24.9 37.3

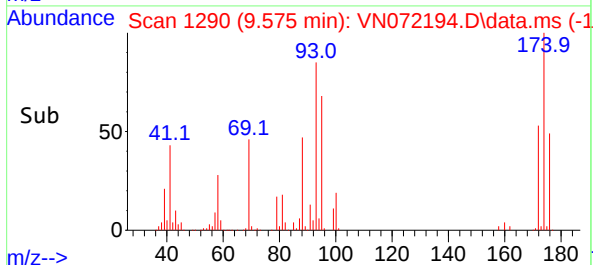
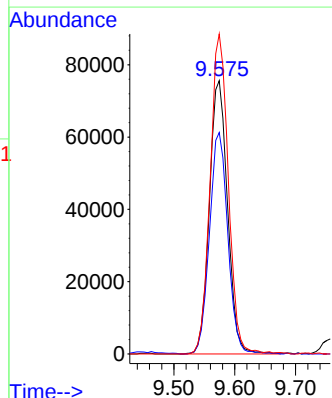
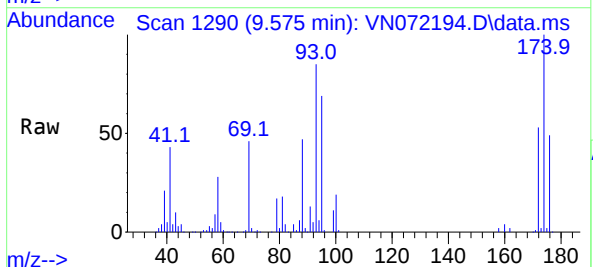
Manual Integrations
APPROVED

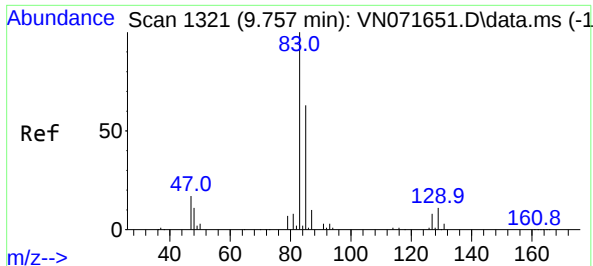
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#46
Dibromomethane
Concen: 50.152 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion: 93 Resp: 156988
Ion Ratio Lower Upper
93 100
95 81.9 66.9 100.3
174 117.1 86.6 130.0





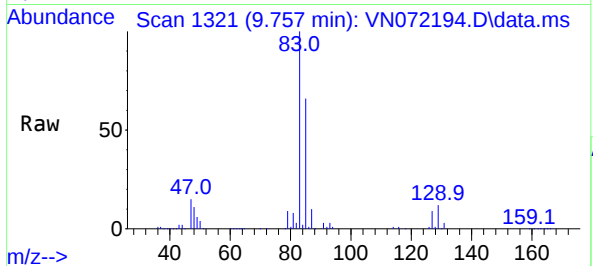
#47
Bromodichloromethane
Concen: 48.826 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

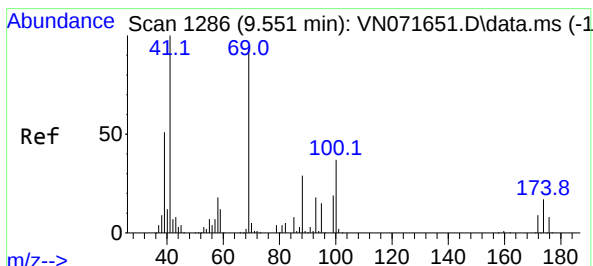
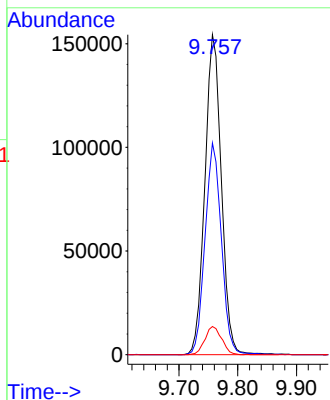
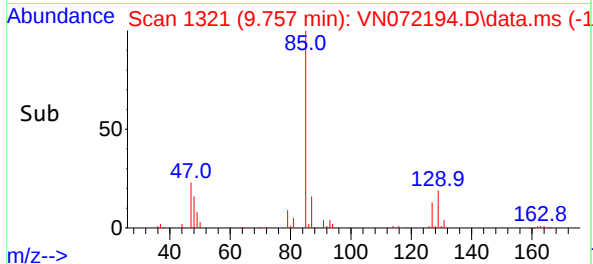
VSTDCCC050EC



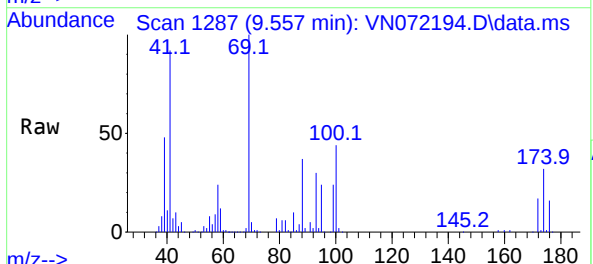
Tgt Ion: 83 Resp: 30085
Ion Ratio Lower Upper
83 100
85 66.1 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

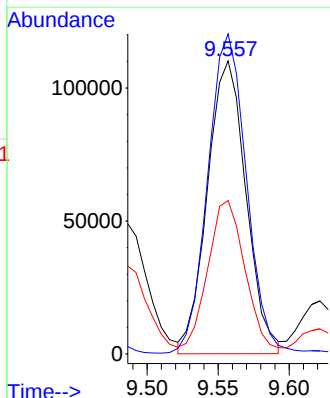
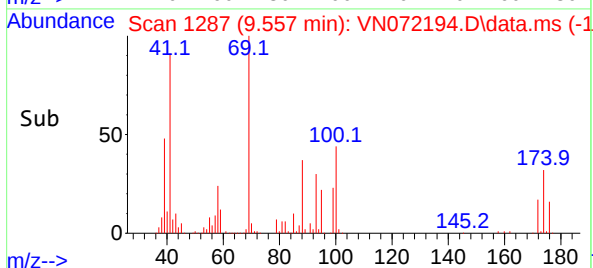
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

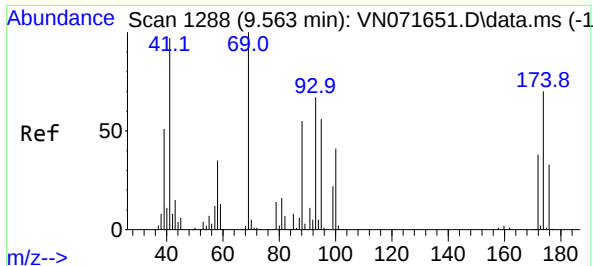


#48
Methyl methacrylate
Concen: 47.202 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



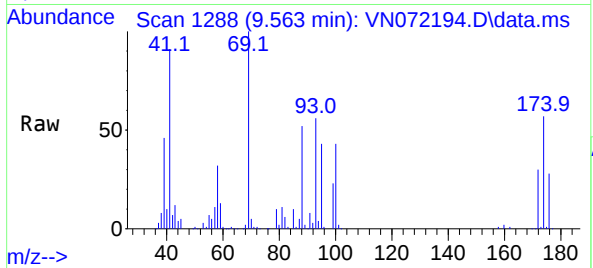
Tgt Ion: 41 Resp: 208282
Ion Ratio Lower Upper
41 100
69 109.5 74.7 112.1
39 51.1 45.6 68.4





#49
1,4-Dioxane
Concen: 1098.365 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

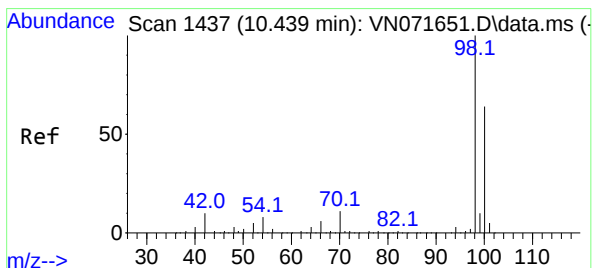
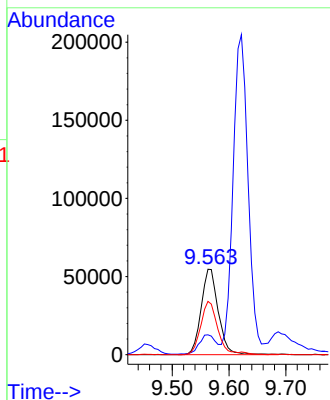
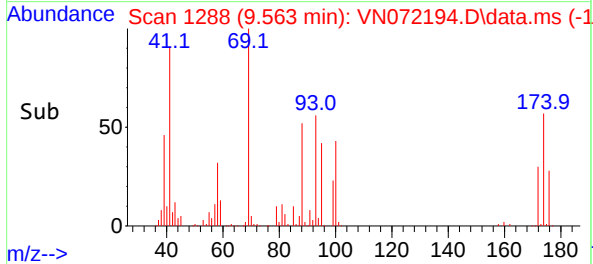
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 114838
Ion Ratio Lower Upper
88 100
43 23.4 20.2 30.4
58 62.4 54.2 81.4

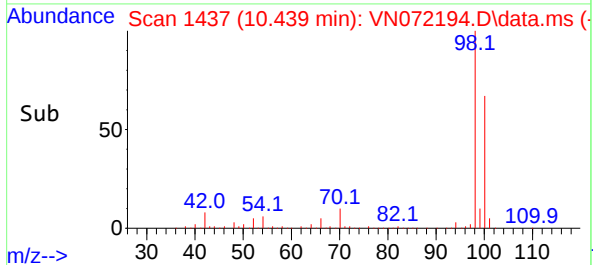
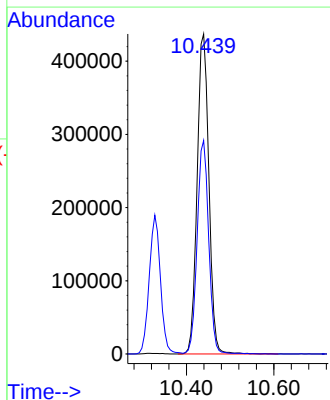
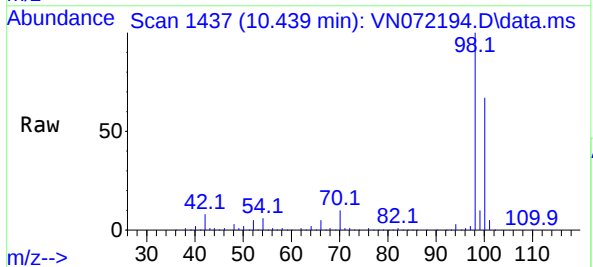
Manual Integrations
APPROVED

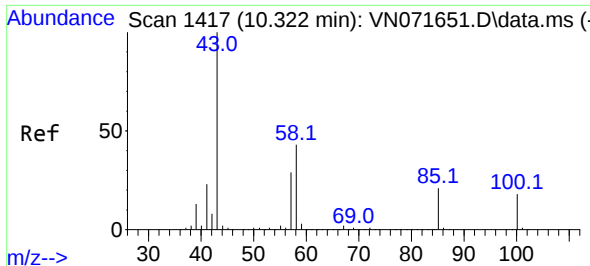
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#50
Toluene-d8
Concen: 47.718 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

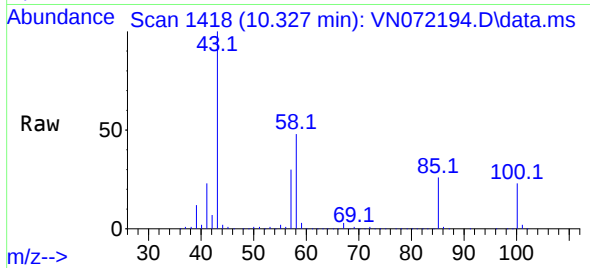
Tgt Ion: 98 Resp: 816629
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 241.574 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

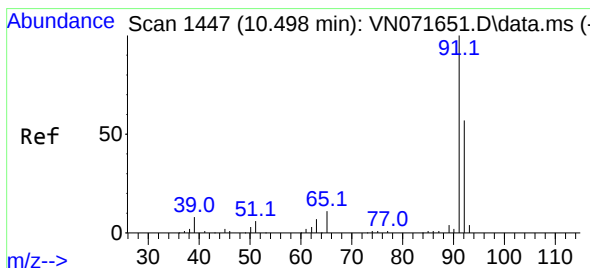
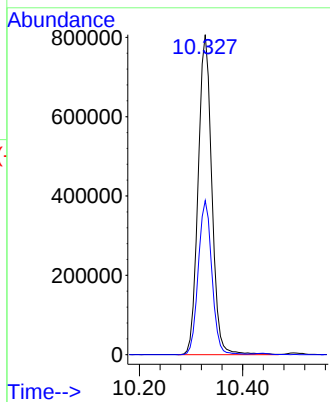
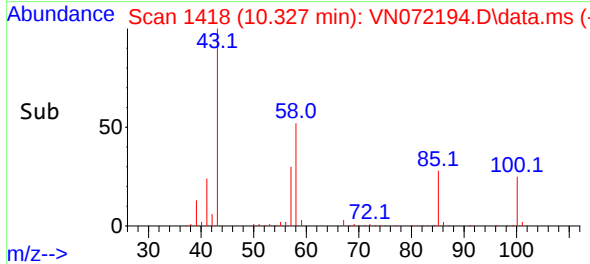
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1477210
Ion Ratio Lower Upper
43 100
58 48.1 34.1 51.1

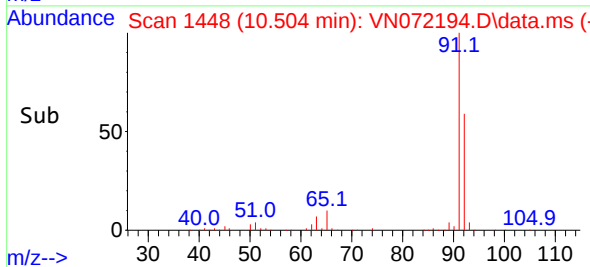
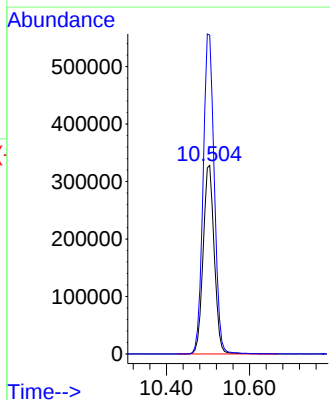
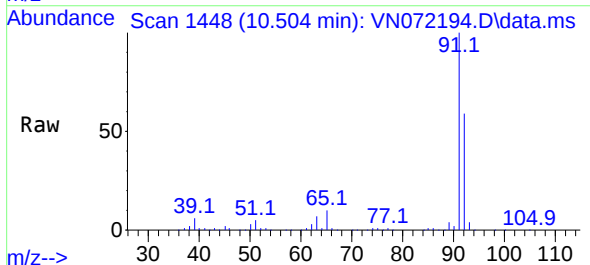
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#52
Toluene
Concen: 52.153 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

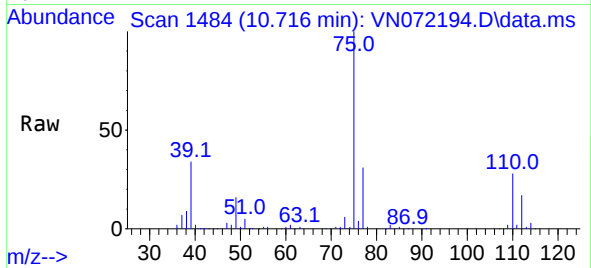
Tgt Ion: 92 Resp: 608401
Ion Ratio Lower Upper
92 100
91 171.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 50.224 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

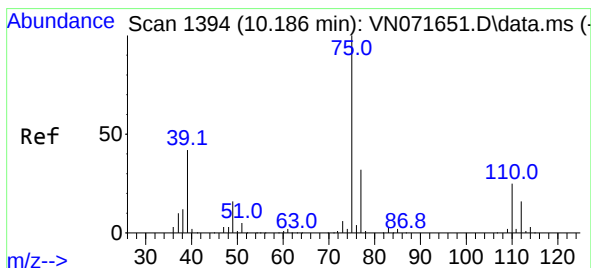
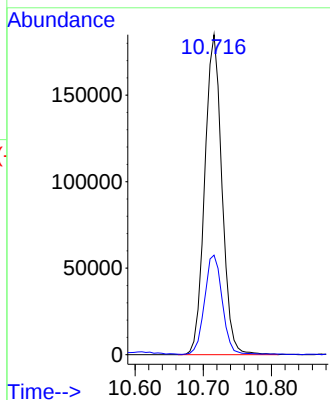
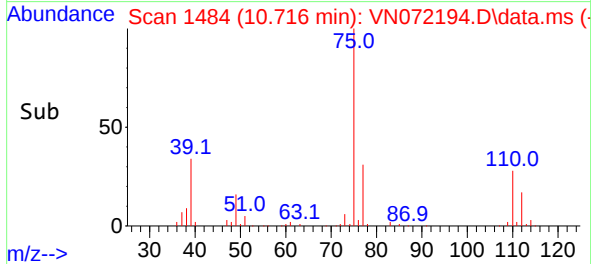
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 324340
Ion Ratio Lower Upper
75 100
77 30.9 25.6 38.4

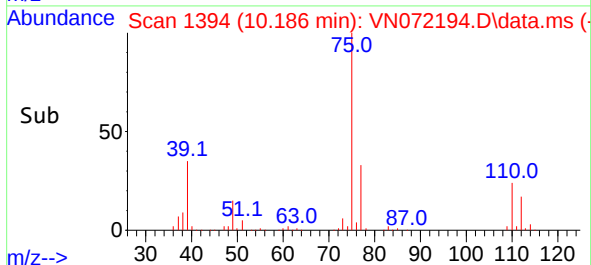
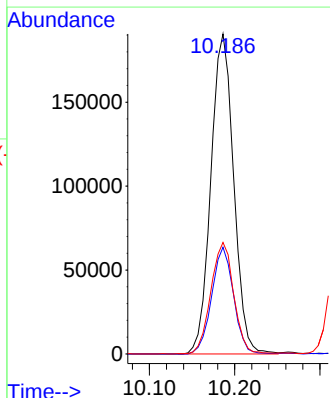
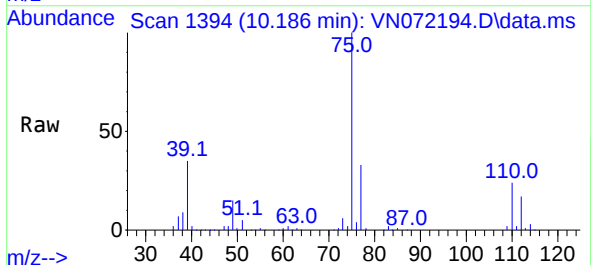
Manual Integrations
APPROVED

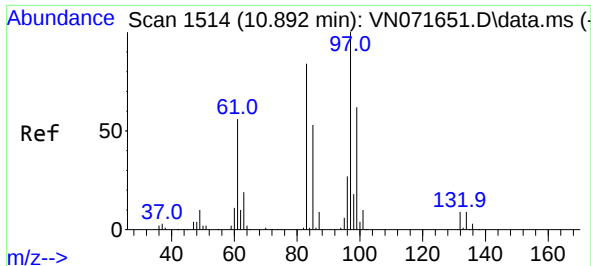
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#54
cis-1,3-Dichloropropene
Concen: 49.669 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

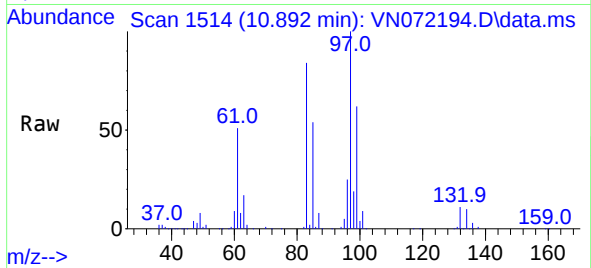
Tgt Ion: 75 Resp: 354414
Ion Ratio Lower Upper
75 100
77 33.3 25.2 37.8
39 34.7 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 51.329 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

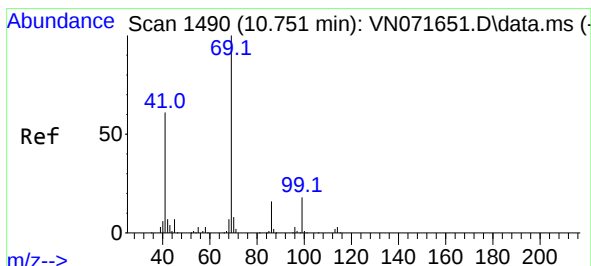
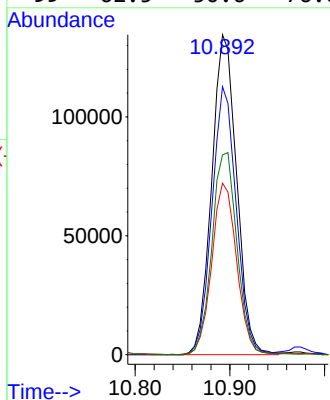
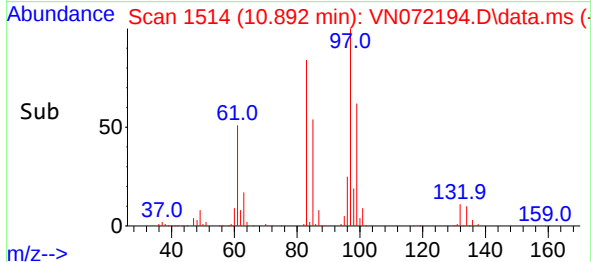
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



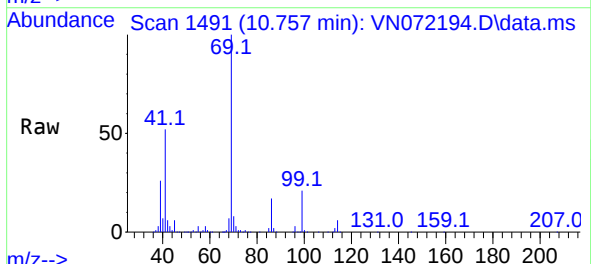
Tgt Ion: 97 Resp: 246440
Ion Ratio Lower Upper
97 100
83 83.7 66.2 99.4
85 53.6 43.9 65.9
99 62.5 50.6 76.0

Manual Integrations
APPROVED

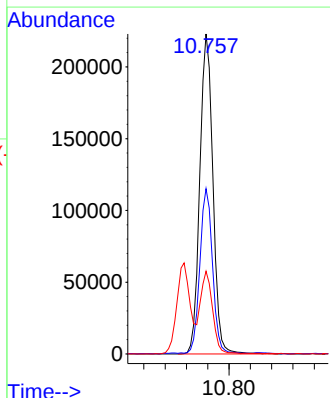
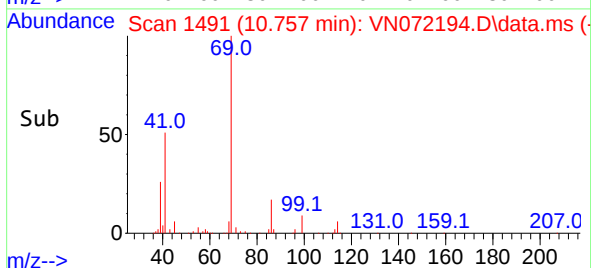
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

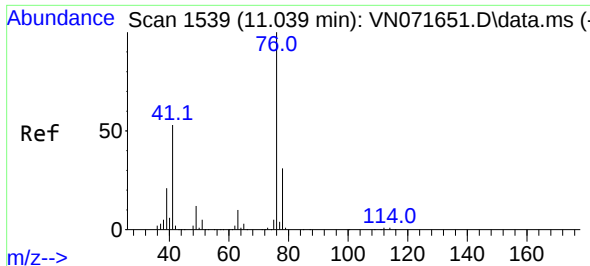


#56
Ethyl methacrylate
Concen: 55.496 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 69 Resp: 380101
Ion Ratio Lower Upper
69 100
41 49.6 47.8 71.6
39 23.0 27.3 40.9





#57

1,3-Dichloropropane

Concen: 49.396 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072194.D

Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 39652

Ion Ratio Lower Upper

76 100

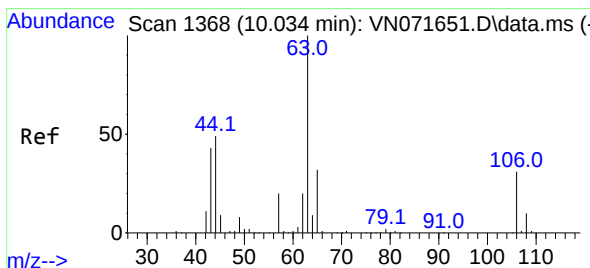
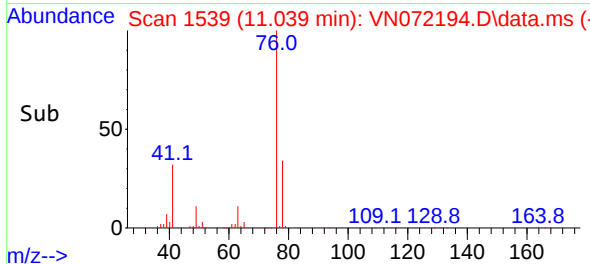
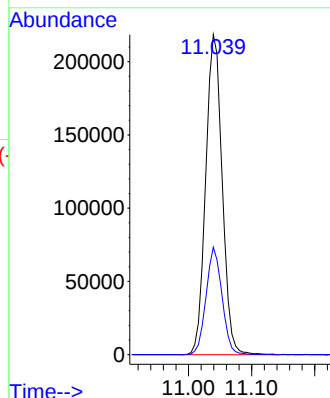
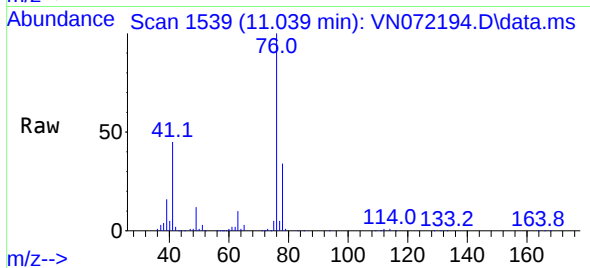
78 32.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#58

2-Chloroethyl Vinyl ether

Concen: 225.695 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN072194.D

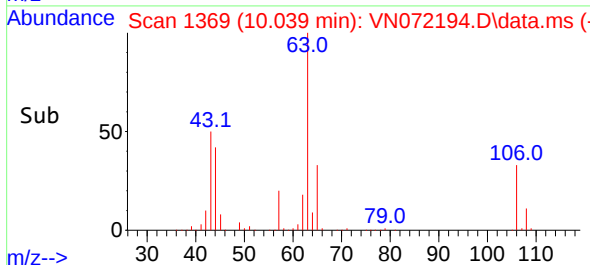
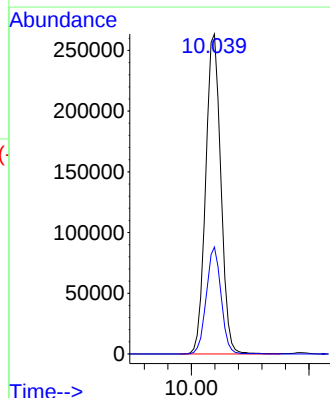
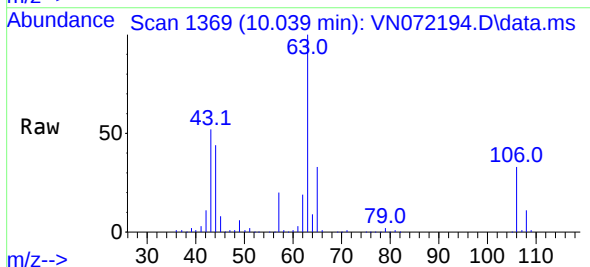
Acq: 25 Apr 2022 21:06

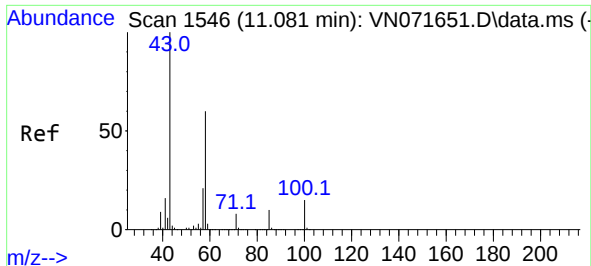
Tgt Ion: 63 Resp: 472172

Ion Ratio Lower Upper

63 100

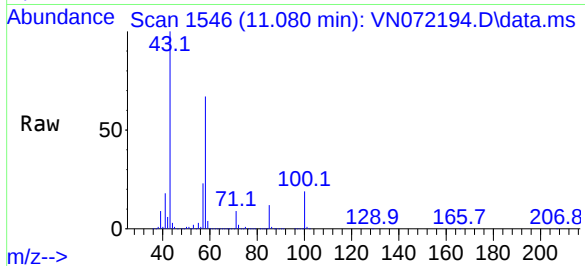
106 32.5 24.6 36.8





#59
2-Hexanone
Concen: 245.607 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

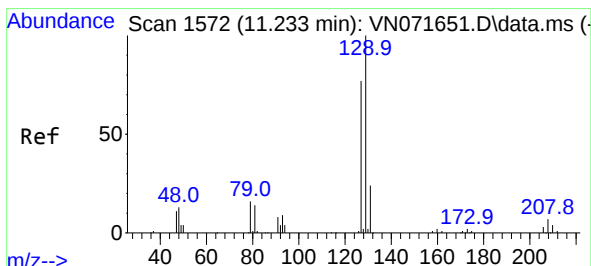
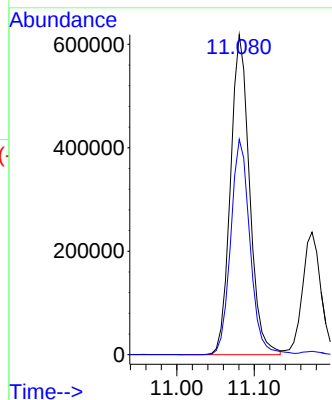
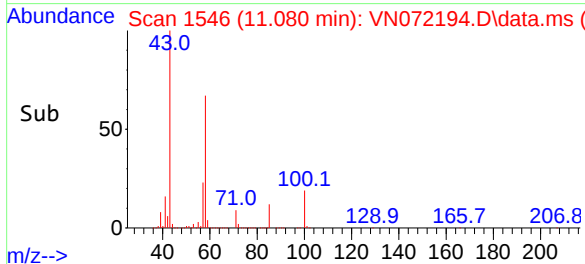
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



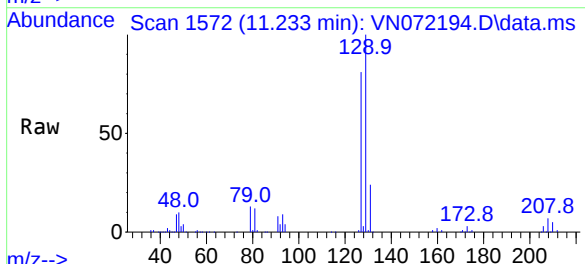
Tgt Ion: 43 Resp: 1057399
Ion Ratio Lower Upper
43 100
58 68.3 29.7 89.1

Manual Integrations
APPROVED

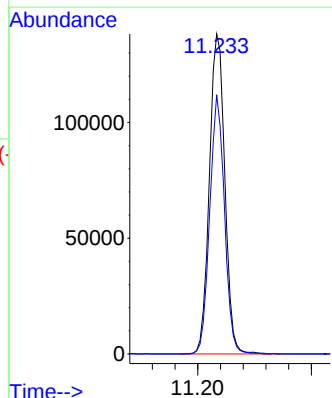
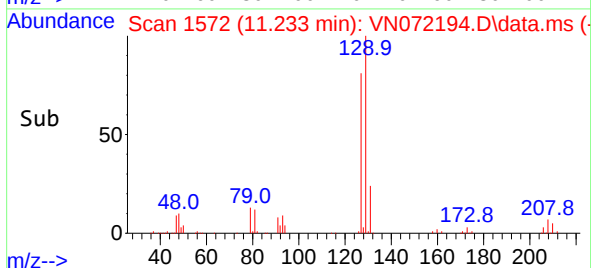
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

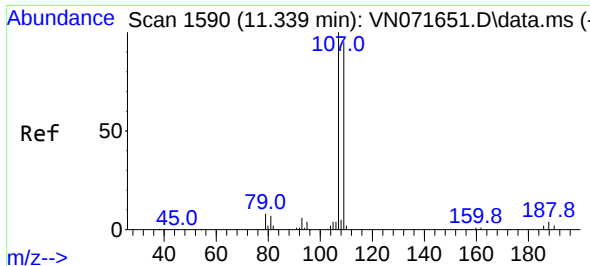


#60
Dibromochloromethane
Concen: 55.540 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



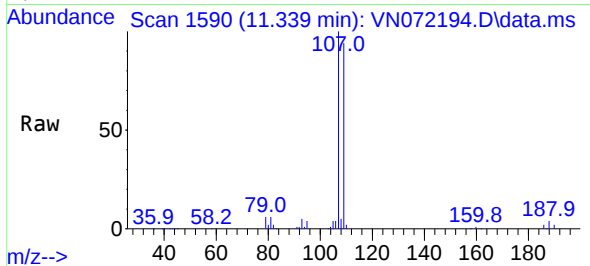
Tgt Ion:129 Resp: 260009
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 53.162 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

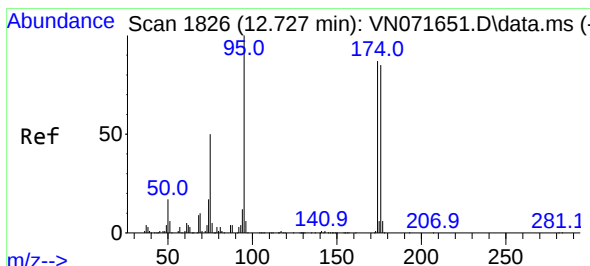
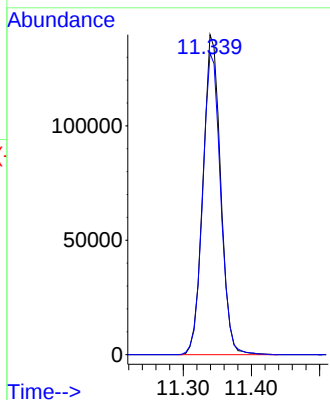
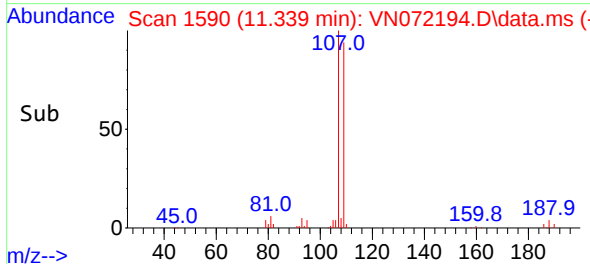
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



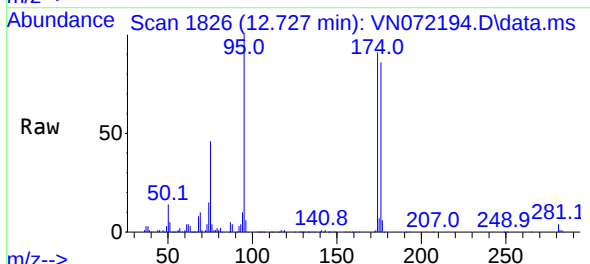
Tgt Ion:107 Resp: 25124
Ion Ratio Lower Upper
107 100
109 95.8 75.0 112.6

Manual Integrations
APPROVED

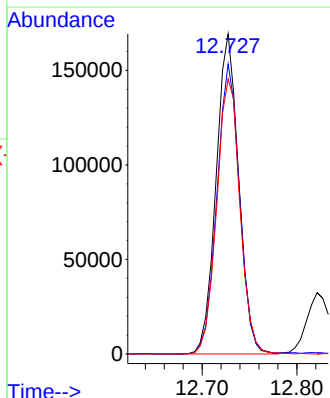
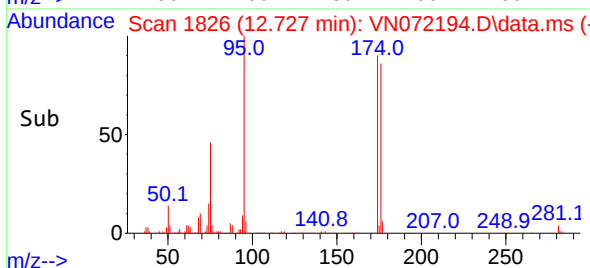
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

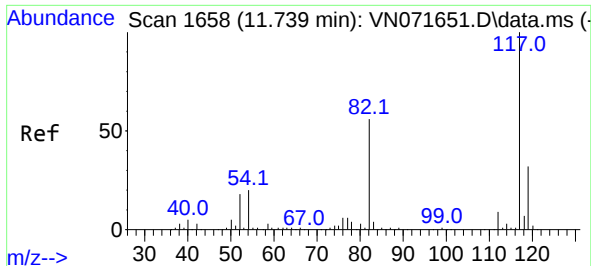


#62
4-Bromofluorobenzene
Concen: 50.655 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 95 Resp: 280363
Ion Ratio Lower Upper
95 100
174 91.0 0.0 167.6
176 88.2 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

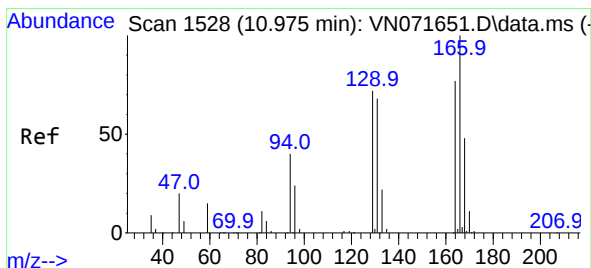
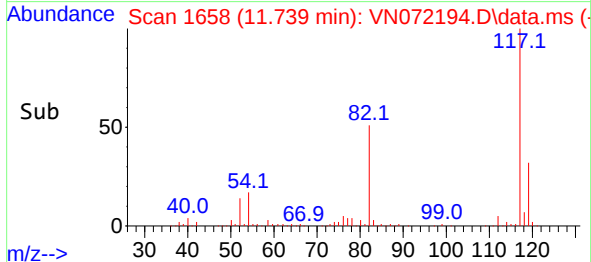
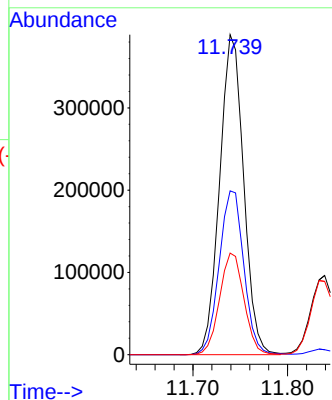
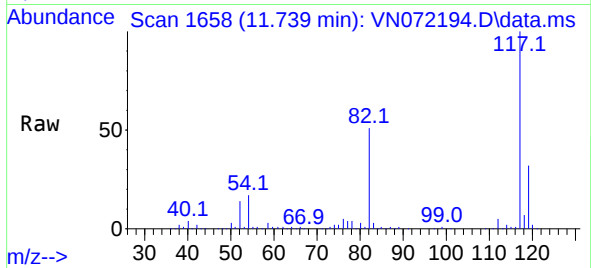
VSTDCCC050EC

Tgt Ion:117 Resp: 685400
Ion Ratio Lower Upper
117 100
82 51.2 44.2 66.2
119 31.8 25.4 38.0

Manual Integrations

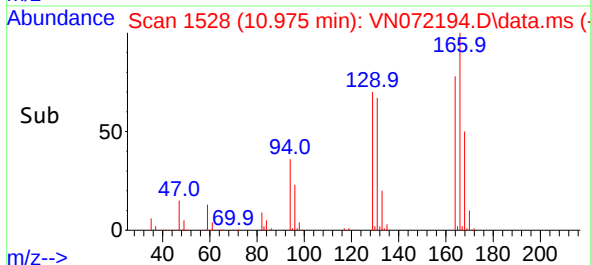
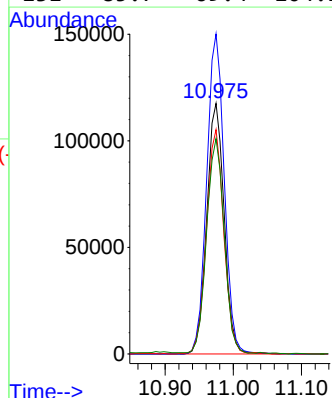
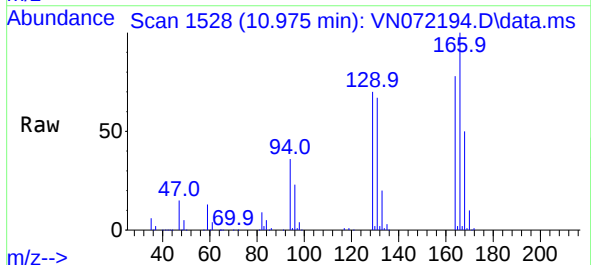
APPROVED

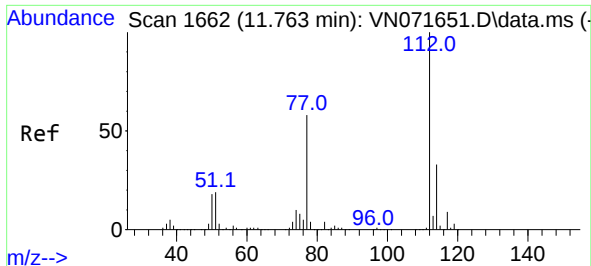
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#64
Tetrachloroethene
Concen: 46.268 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

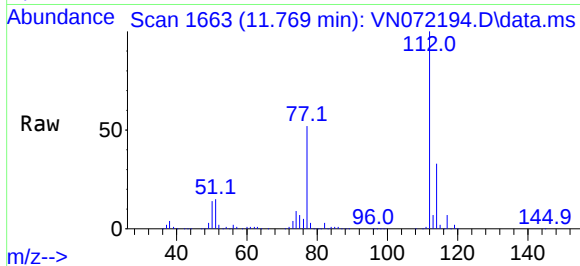
Tgt Ion:164 Resp: 209407
Ion Ratio Lower Upper
164 100
166 127.7 104.2 156.2
129 89.5 73.9 110.9
131 85.7 69.4 104.2





#65
Chlorobenzene
Concen: 48.883 ug/l
RT: 11.769 min Scan# 1662
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

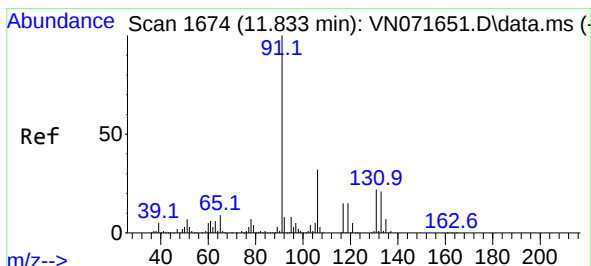
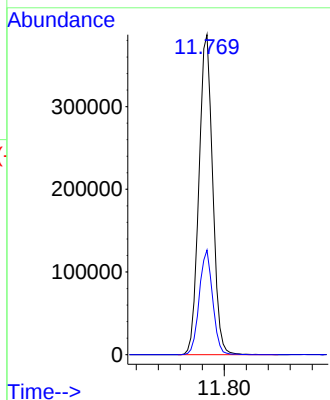
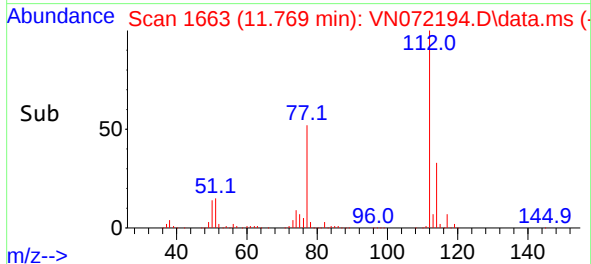
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



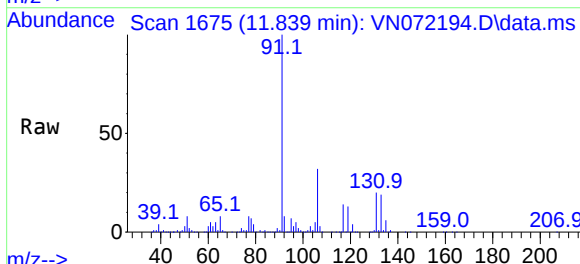
Tgt Ion:112 Resp: 67088
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.2

Manual Integrations
APPROVED

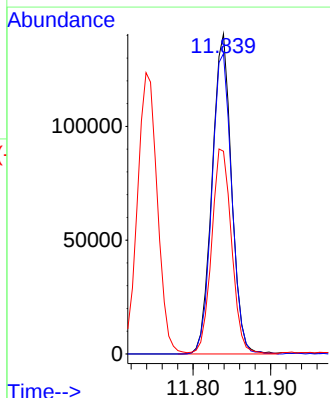
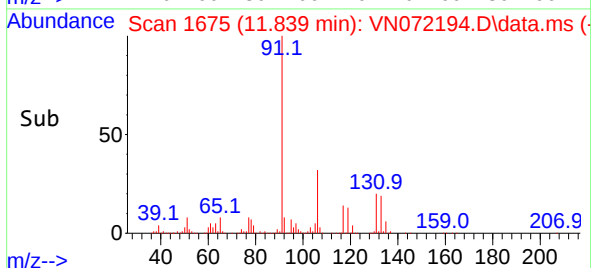
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

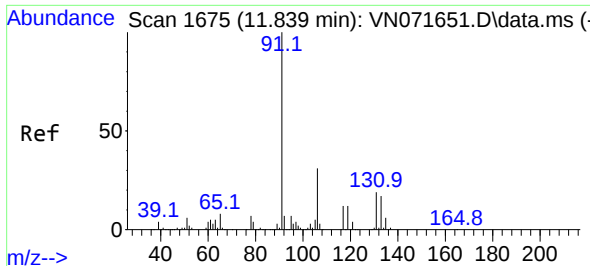


#66
1,1,1,2-Tetrachloroethane
Concen: 49.479 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion:131 Resp: 245034
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 65.3 33.4 100.2





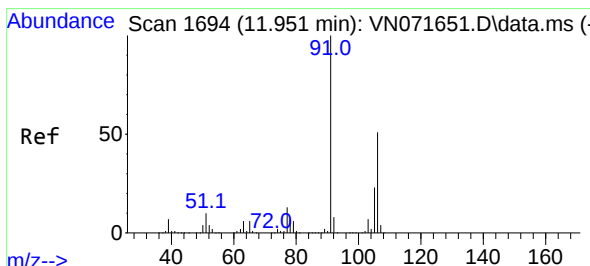
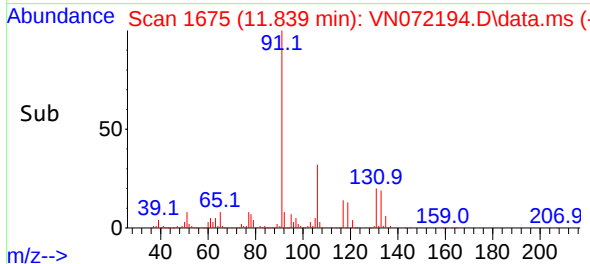
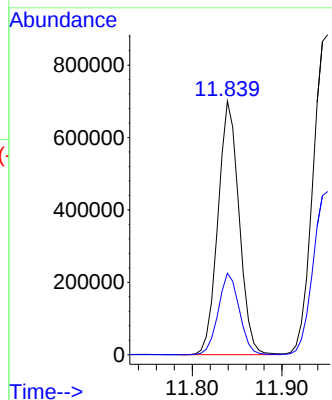
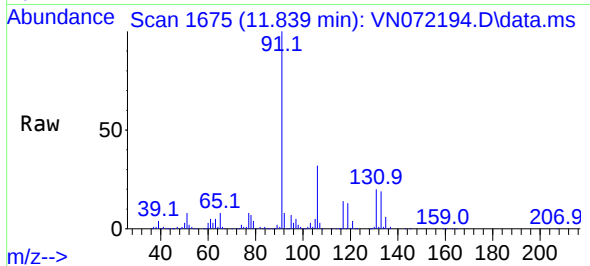
#67
Ethyl Benzene
Concen: 49.249 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 114420
Ion Ratio Lower Upper
91 100
106 32.1 24.9 37.3

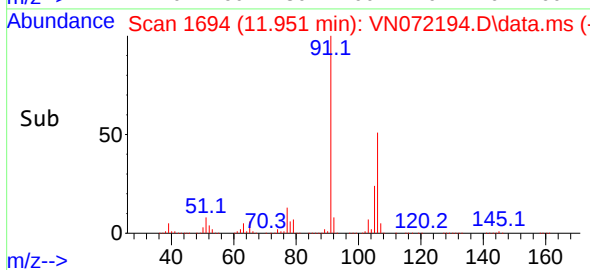
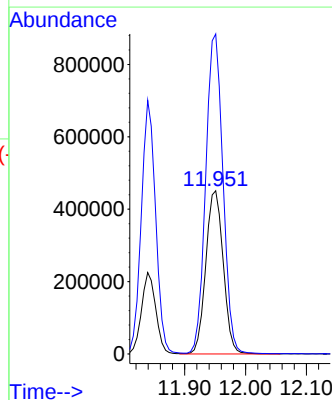
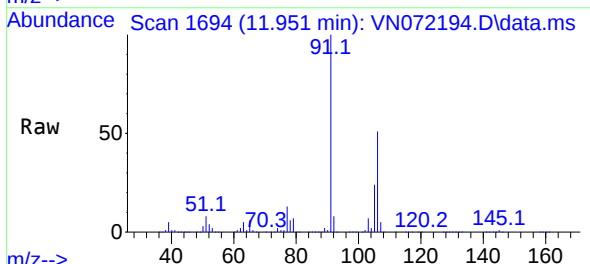
Manual Integrations
APPROVED

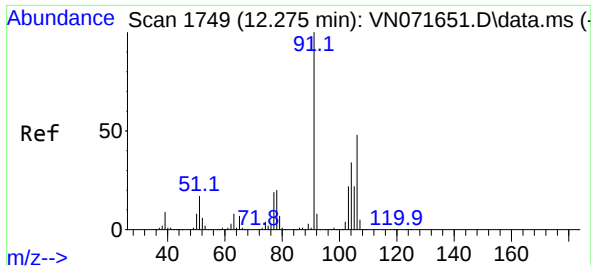
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#68
m/p-Xylenes
Concen: 100.356 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion:106 Resp: 895849
Ion Ratio Lower Upper
106 100
91 194.2 158.9 238.3





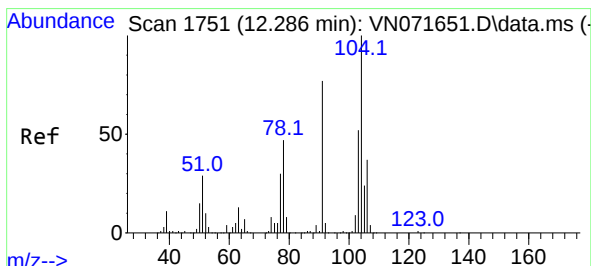
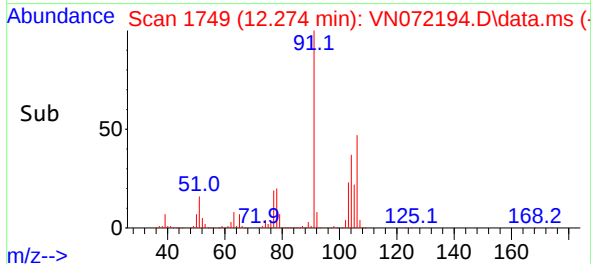
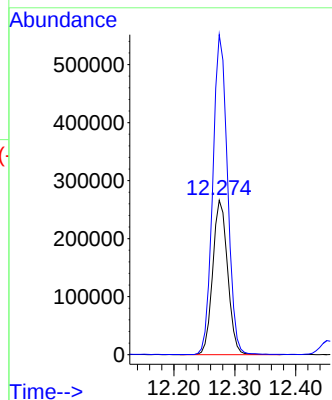
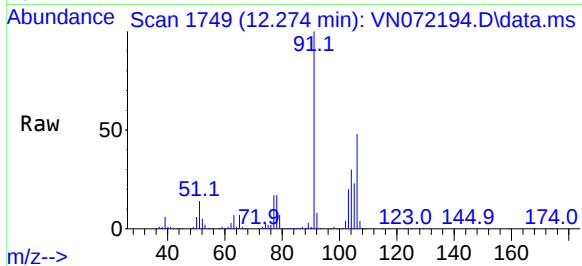
#69
o-Xylene
Concen: 51.027 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 45212
Ion Ratio Lower Upper
106 100
91 205.2 106.0 318.0

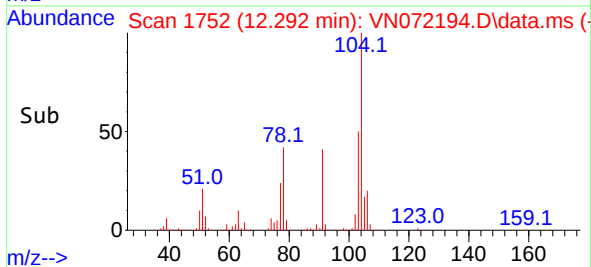
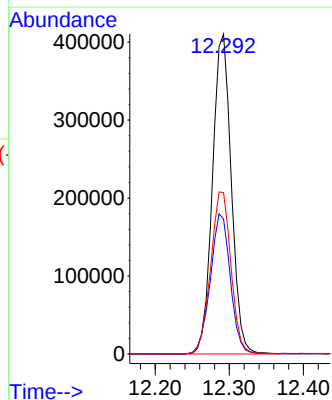
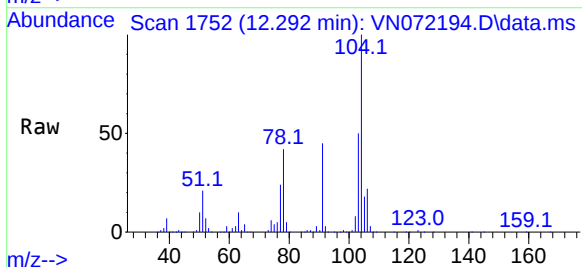
Manual Integrations
APPROVED

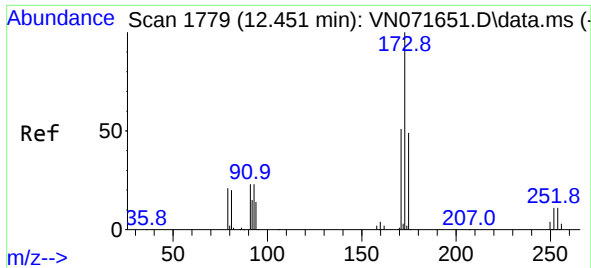
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#70
Styrene
Concen: 53.856 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

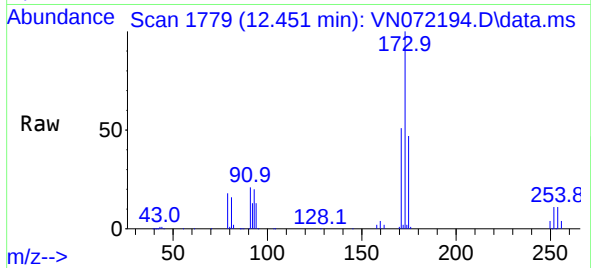
Tgt Ion:104 Resp: 722998
Ion Ratio Lower Upper
104 100
78 46.4 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 56.224 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

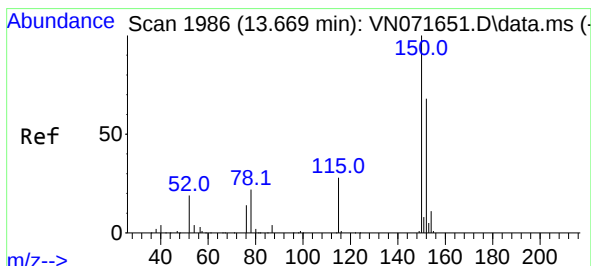
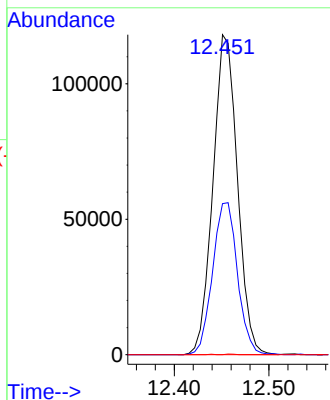
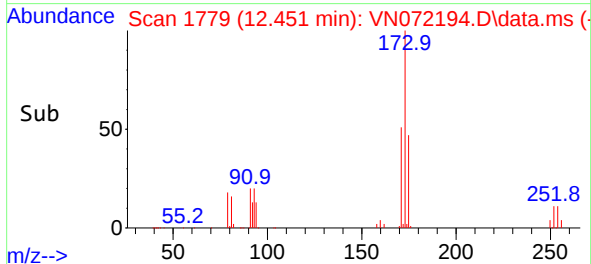
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



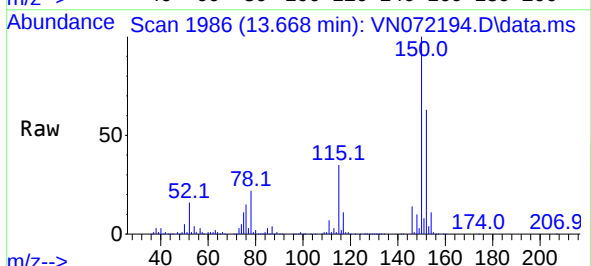
Tgt Ion:173 Resp: 212037
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.6
254 0.1 0.1 0.1

Manual Integrations
APPROVED

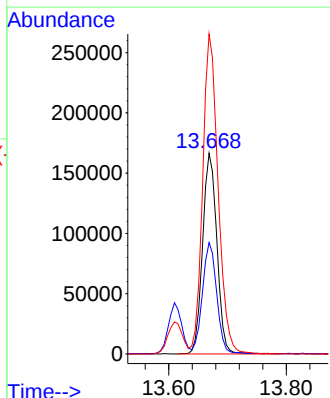
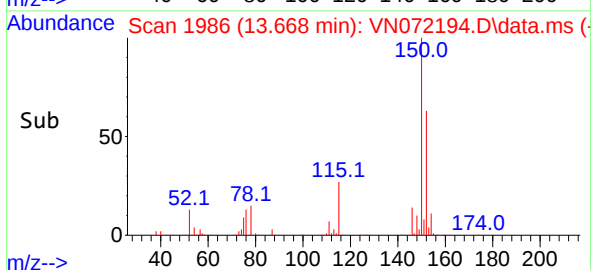
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

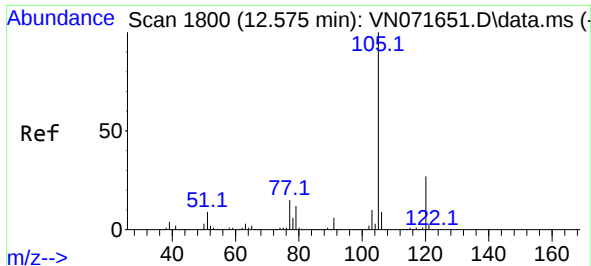


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



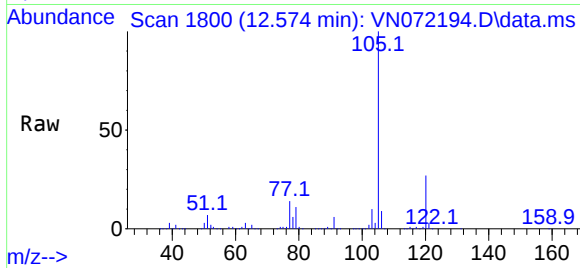
Tgt Ion:152 Resp: 280646
Ion Ratio Lower Upper
152 100
115 54.9 28.9 86.7
150 172.0 0.0 356.2





#73
Isopropylbenzene
Concen: 48.447 ug/l
RT: 12.574 min Scan# 1145720
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

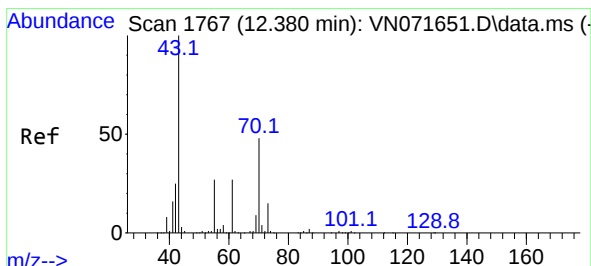
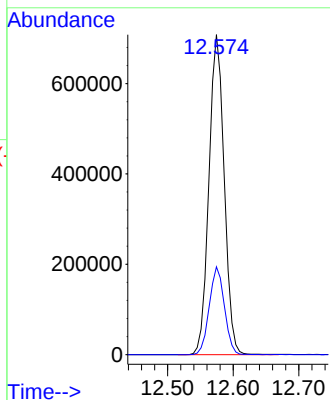
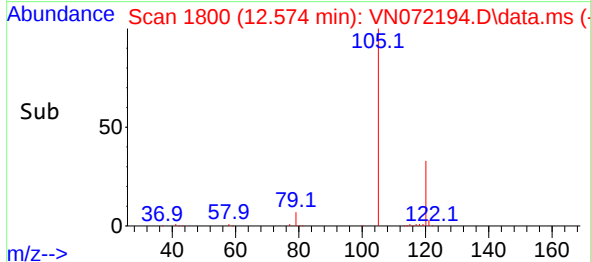
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



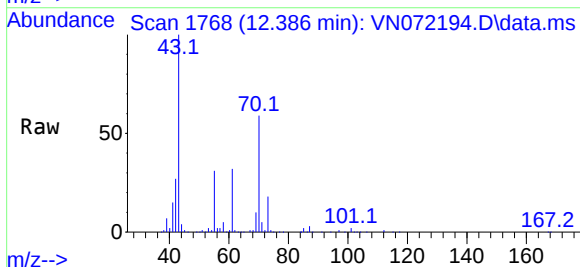
Tgt Ion:105 Resp: 1145720
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

Manual Integrations
APPROVED

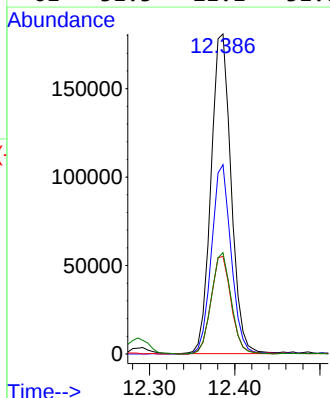
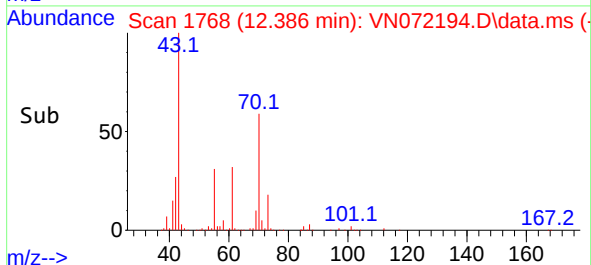
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

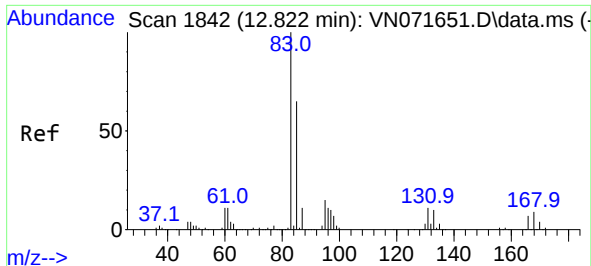


#74
N-ethyl acetate
Concen: 43.721 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



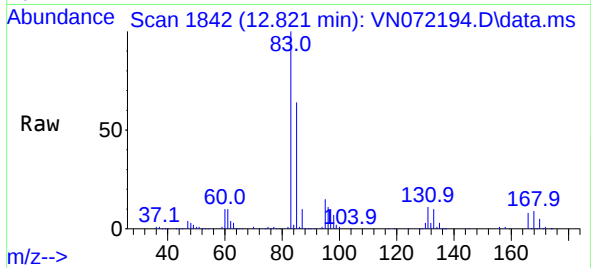
Tgt Ion: 43 Resp: 296252
Ion Ratio Lower Upper
43 100
70 58.1 39.0 58.4
55 30.7 21.1 31.7
61 31.3 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.905 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

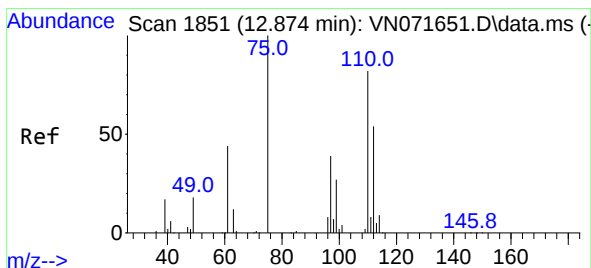
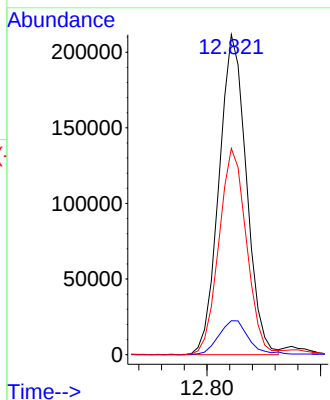
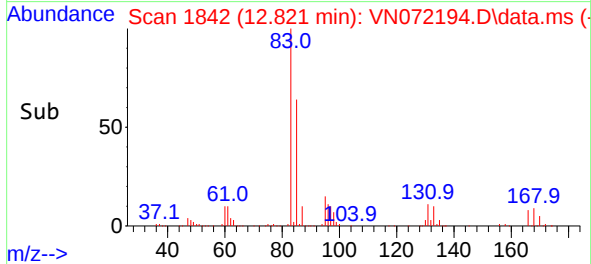
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



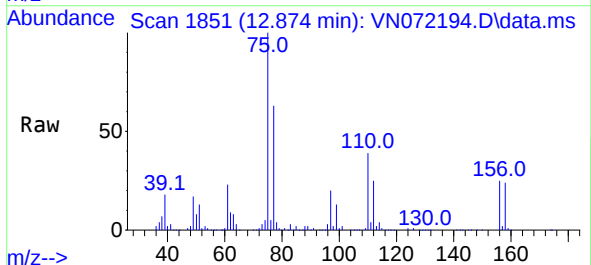
Tgt Ion: 83 Resp: 35433
Ion Ratio Lower Upper
83 100
131 11.8 5.3 15.9
85 65.0 32.3 96.9

Manual Integrations
APPROVED

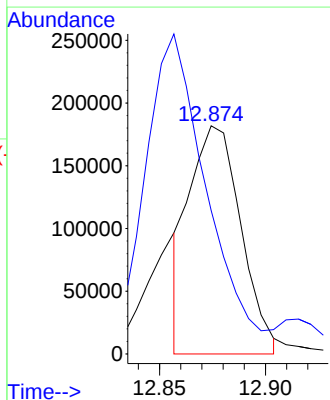
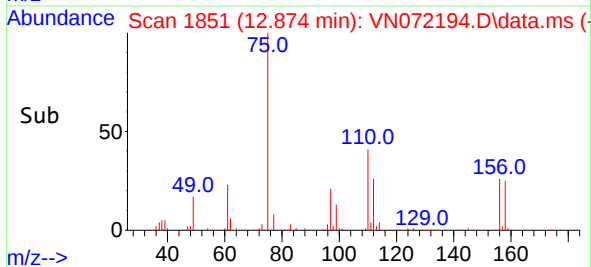
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

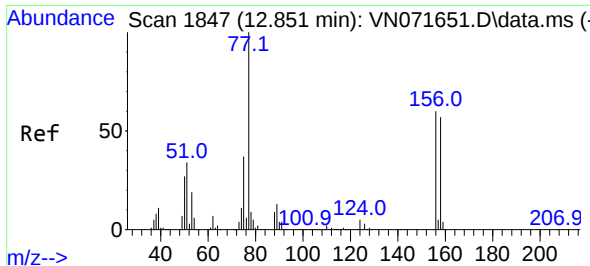


#76
1,2,3-Trichloropropane
Concen: 47.206 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



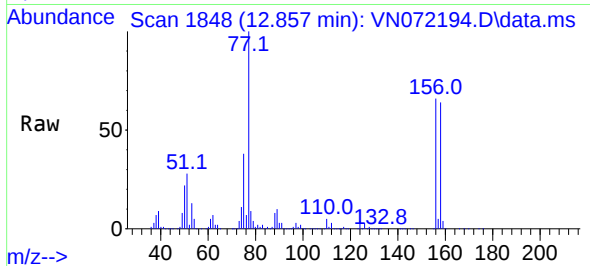
Tgt Ion: 75 Resp: 306902
Ion Ratio Lower Upper
75 100
77 167.9 98.5 295.5





#77
Bromobenzene
Concen: 47.816 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

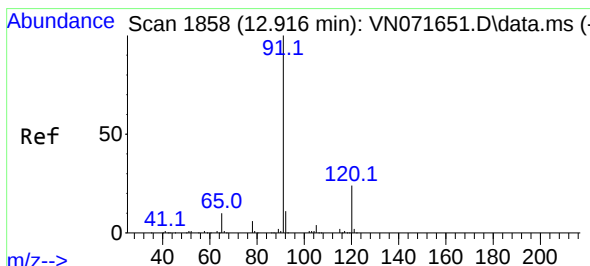
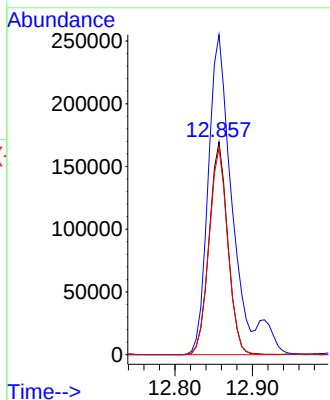
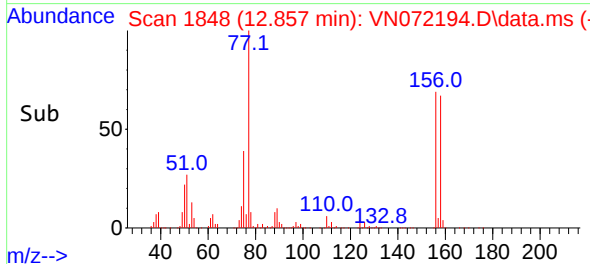
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 283480
Ion Ratio Lower Upper
156 100
77 181.7 100.5 301.5
158 97.8 48.9 146.6

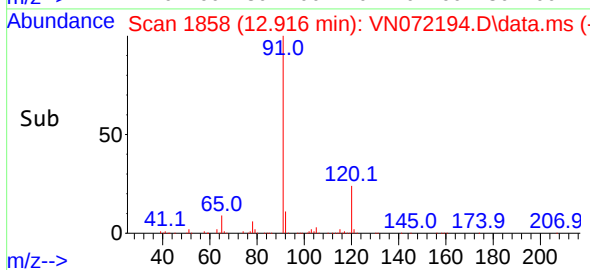
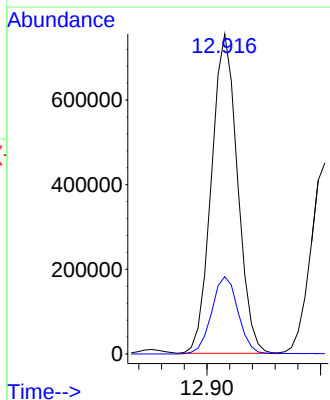
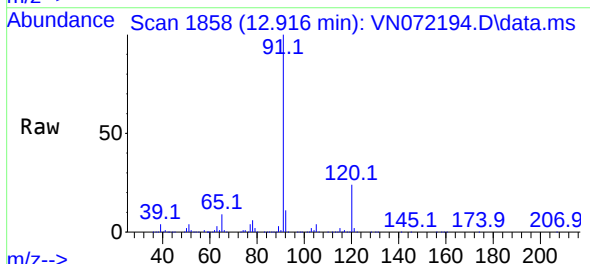
Manual Integrations
APPROVED

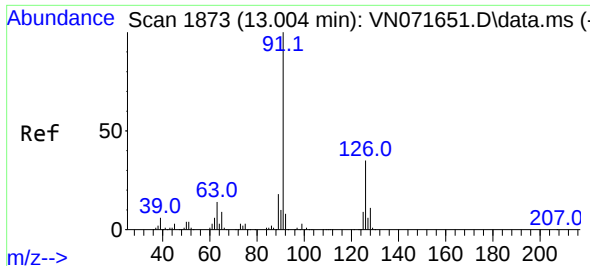
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#78
n-propylbenzene
Concen: 48.378 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion: 91 Resp: 1203496
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5





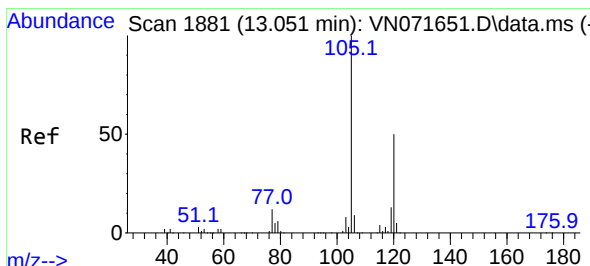
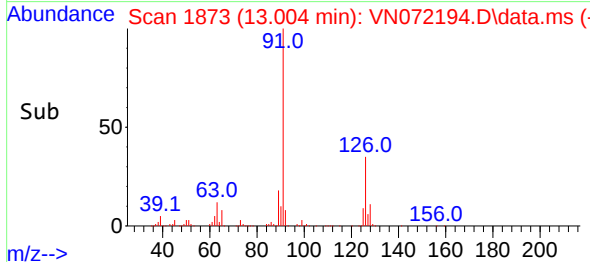
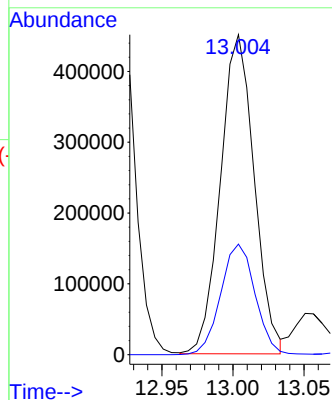
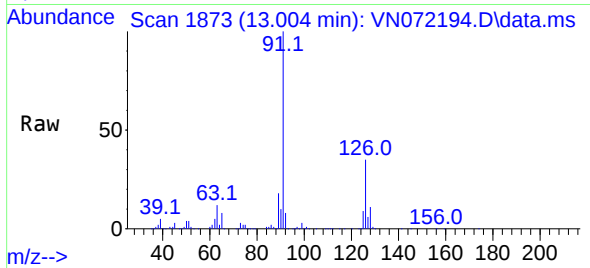
#79
2-Chlorotoluene
Concen: 46.715 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 745288
Ion Ratio Lower Upper
91 100
126 35.4 17.3 51.9

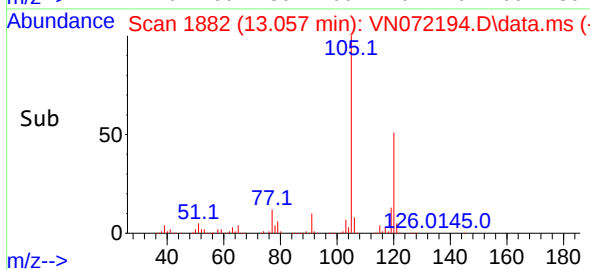
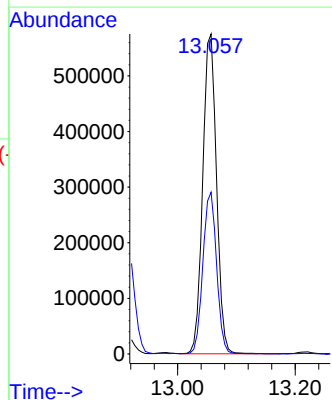
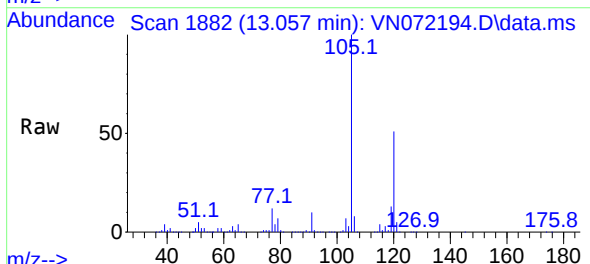
Manual Integrations
APPROVED

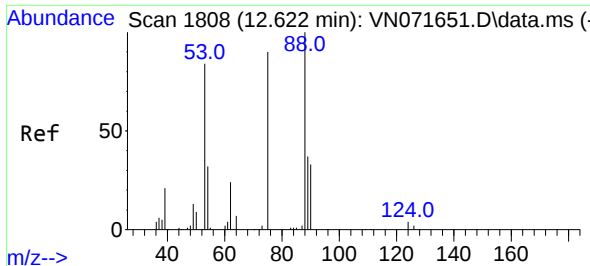
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.946 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

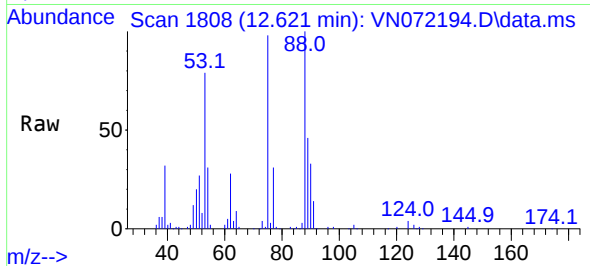
Tgt Ion:105 Resp: 935872
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.543 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

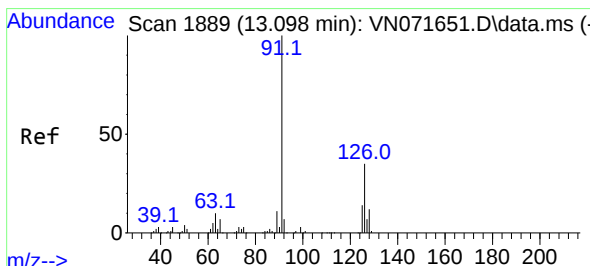
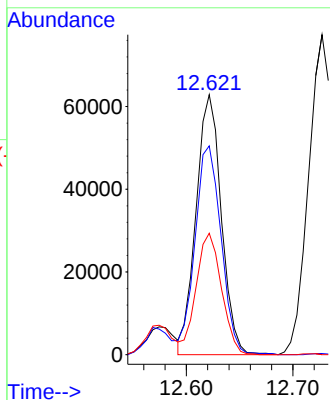
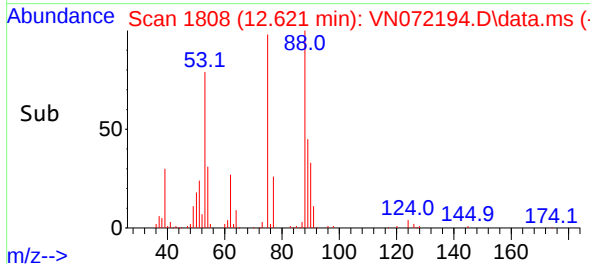
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



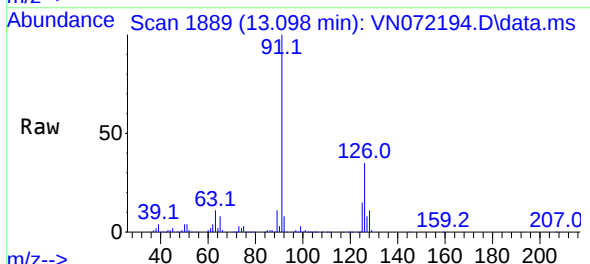
Tgt Ion: 75 Resp: 103938
Ion Ratio Lower Upper
75 100
53 83.9 78.0 117.0
89 47.0 37.2 55.8

Manual Integrations
APPROVED

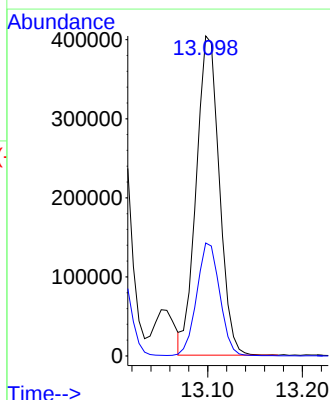
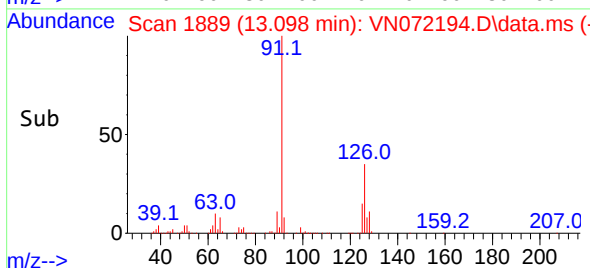
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022

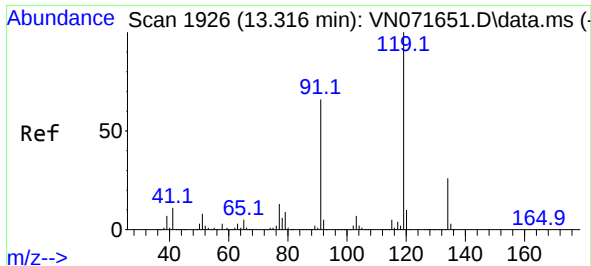


#82
4-Chlorotoluene
Concen: 46.169 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion: 91 Resp: 682752
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 49.402 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

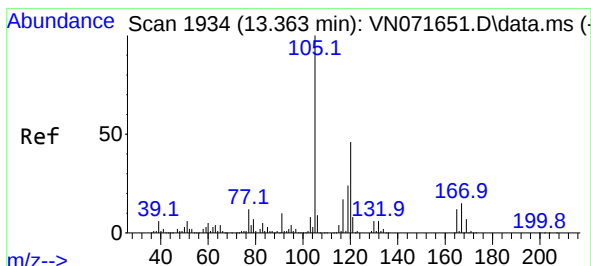
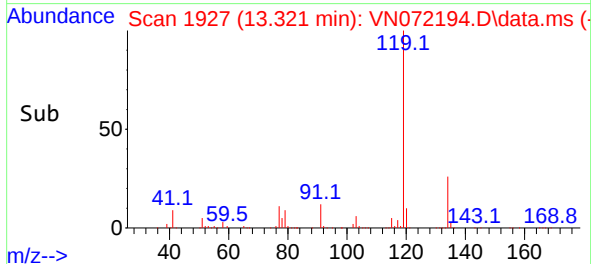
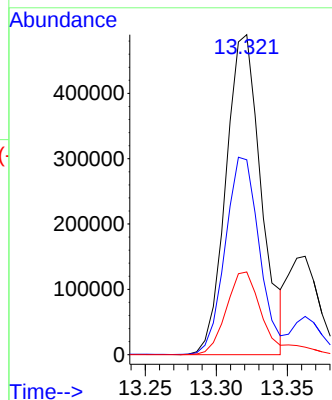
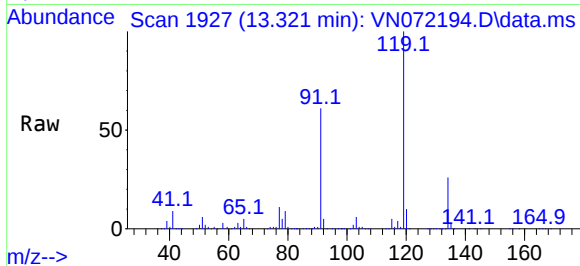
VSTDCCC050EC

Tgt Ion:119 Resp: 846159
Ion Ratio Lower Upper
119 100
91 59.7 31.6 94.8
134 27.4 13.7 41.1

Manual Integrations

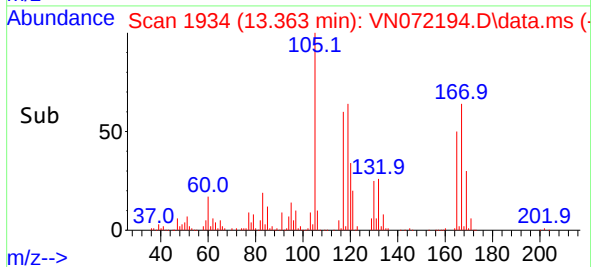
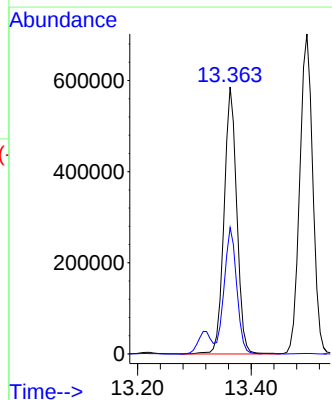
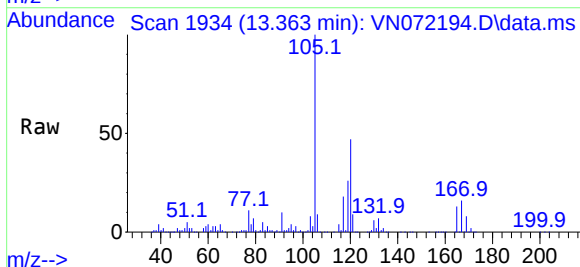
APPROVED

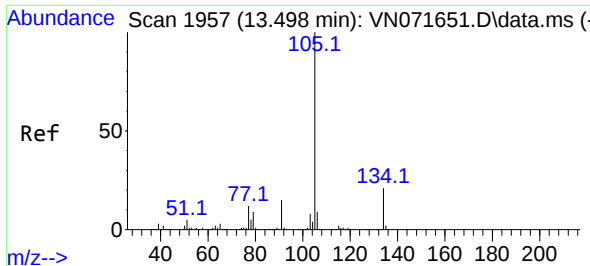
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#84
1,2,4-Trimethylbenzene
Concen: 50.006 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion:105 Resp: 914215
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 50.104 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072194.D
 Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

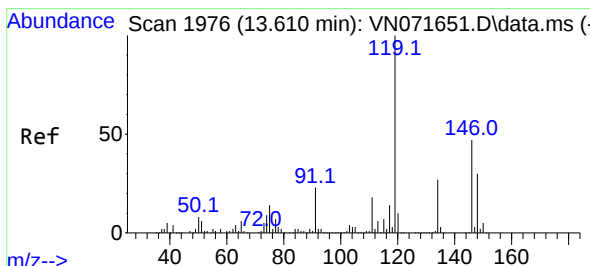
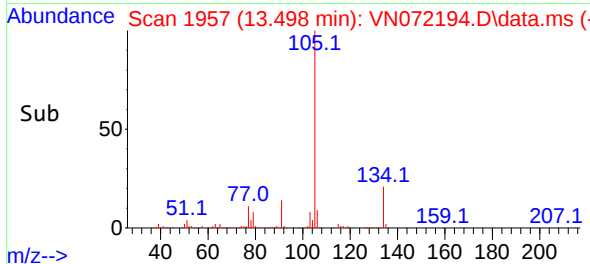
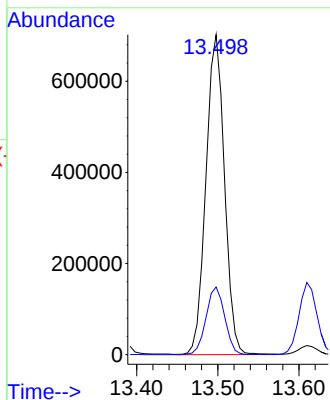
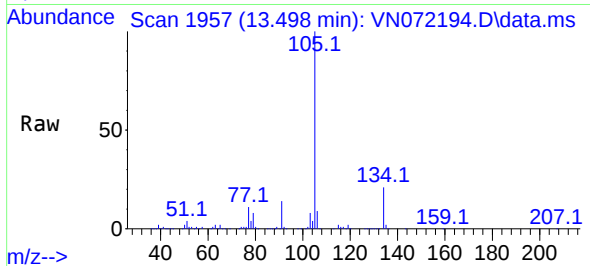
VSTDCCC050EC

Tgt Ion:105 Resp: 111248
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1

Manual Integrations

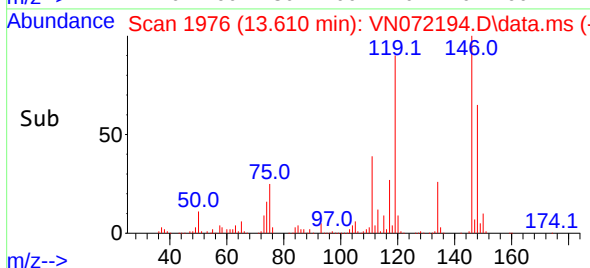
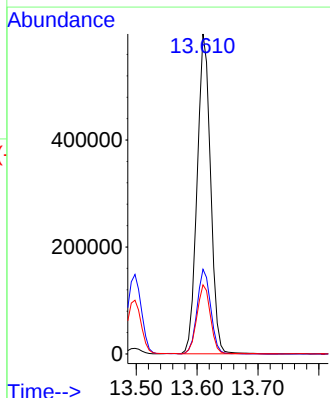
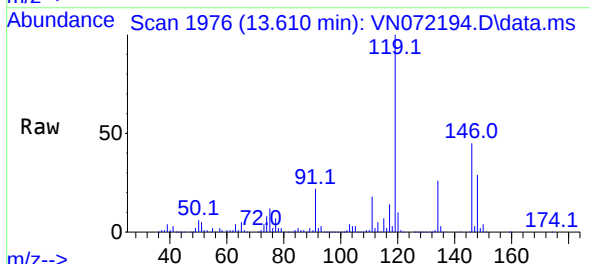
APPROVED

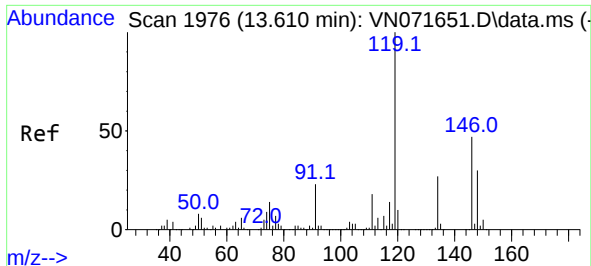
Reviewed By :John Carlone 04/26/2022
 Supervised By :Mahesh Dadoda 04/26/2022



#86
 p-Isopropyltoluene
 Concen: 51.752 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072194.D
 Acq: 25 Apr 2022 21:06

Tgt Ion:119 Resp: 916209
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 21.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 47.422 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072194.D

Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 447900

Ion Ratio Lower Upper

146 100

111 38.5 20.0 60.0

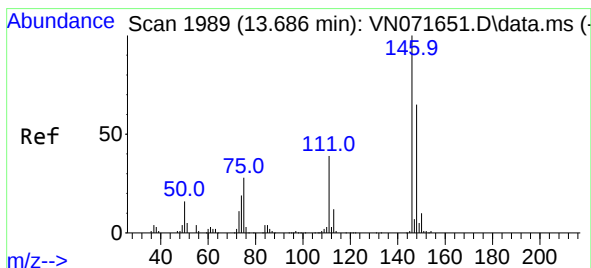
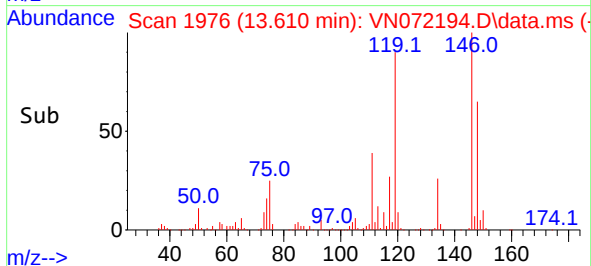
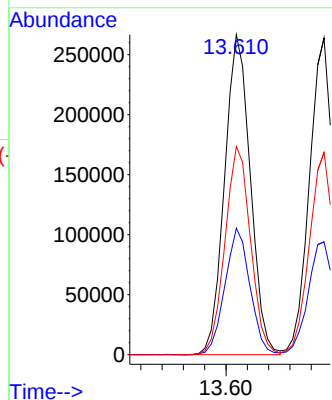
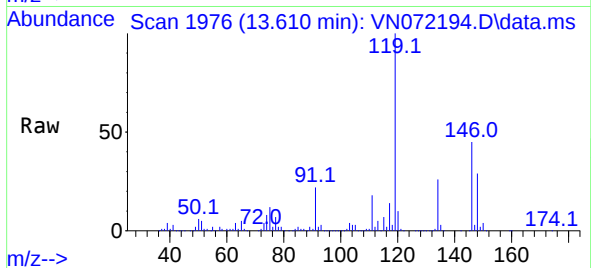
148 64.6 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/26/2022

Supervised By :Mahesh Dadoda 04/26/2022



#88

1,4-Dichlorobenzene

Concen: 46.596 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN072194.D

Acq: 25 Apr 2022 21:06

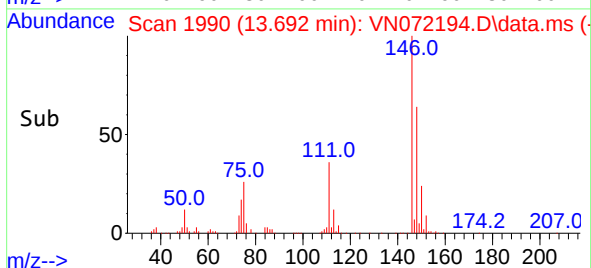
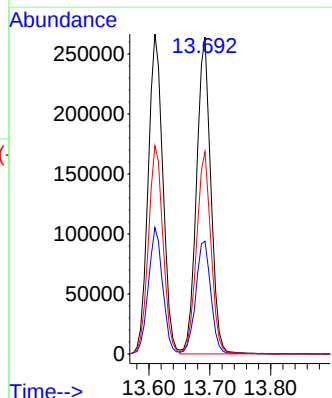
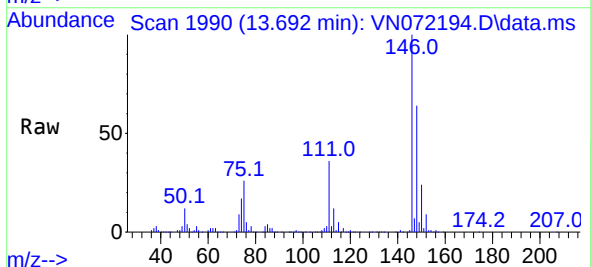
Tgt Ion:146 Resp: 429360

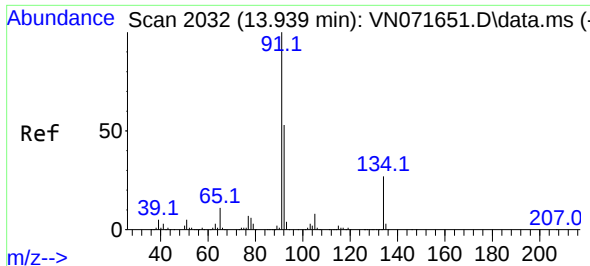
Ion Ratio Lower Upper

146 100

111 38.0 19.1 57.1

148 64.5 31.4 94.3





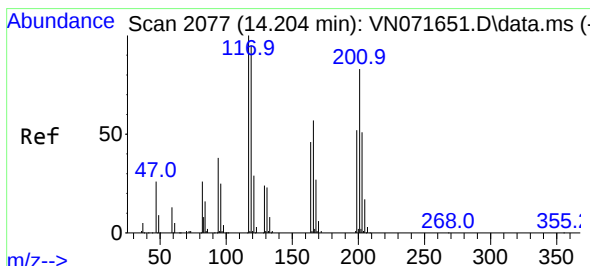
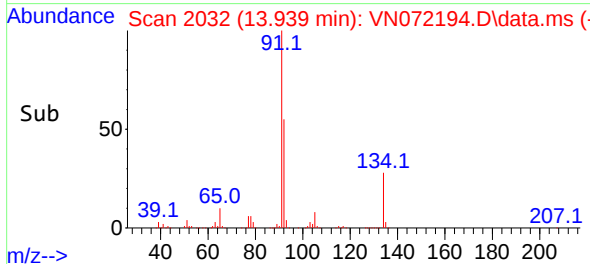
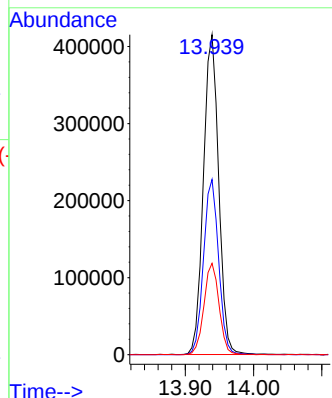
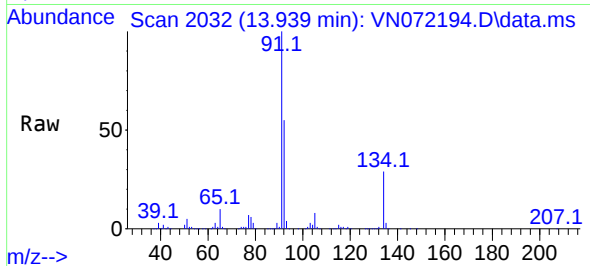
#89
n-Butylbenzene
Concen: 49.184 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 64582
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 28.3 13.6 40.8

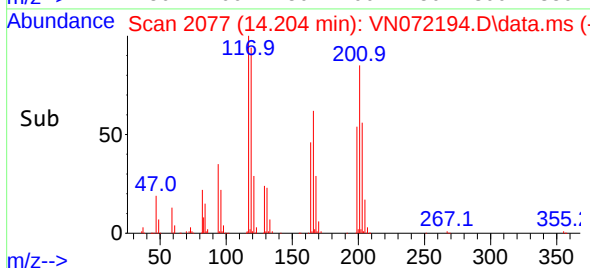
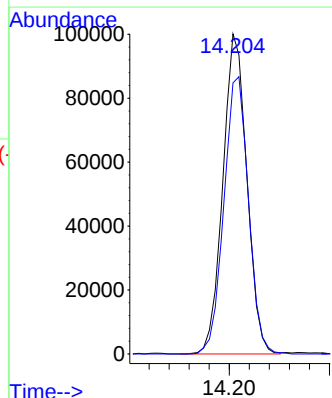
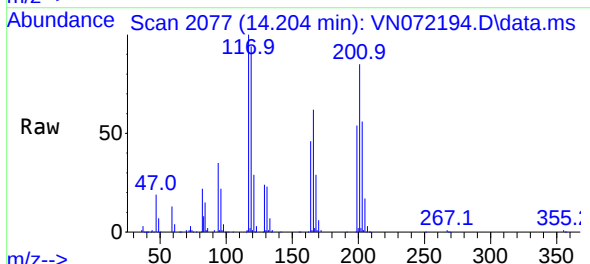
Manual Integrations
APPROVED

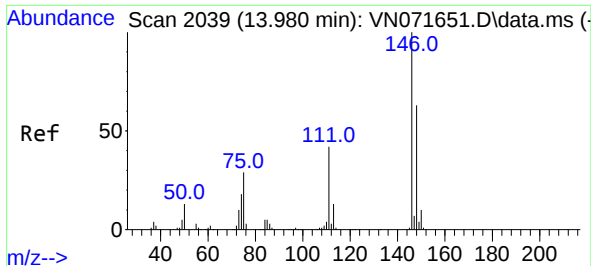
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#90
Hexachloroethane
Concen: 51.344 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion:117 Resp: 166393
Ion Ratio Lower Upper
117 100
201 88.7 40.6 122.0





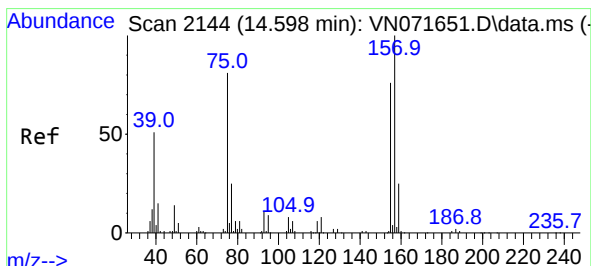
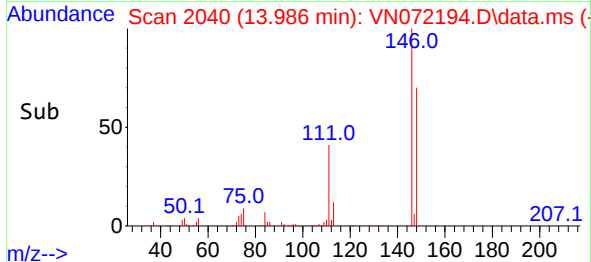
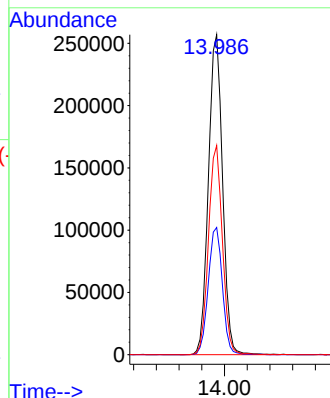
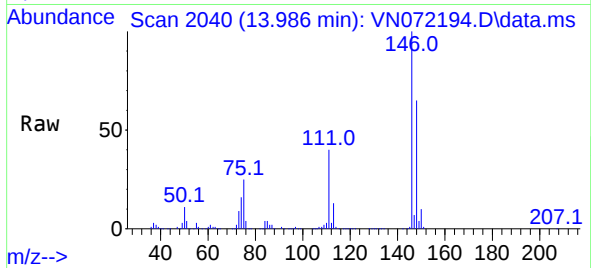
#91
1,2-Dichlorobenzene
Concen: 47.708 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 44236
Ion Ratio Lower Upper
146 100
111 39.8 20.9 62.8
148 64.4 32.1 96.3

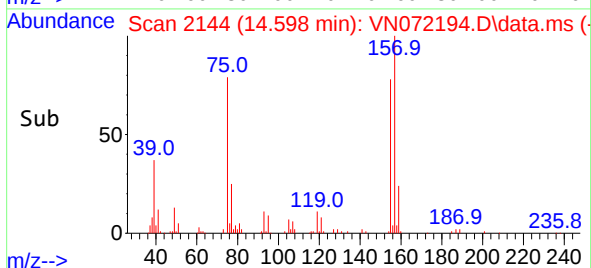
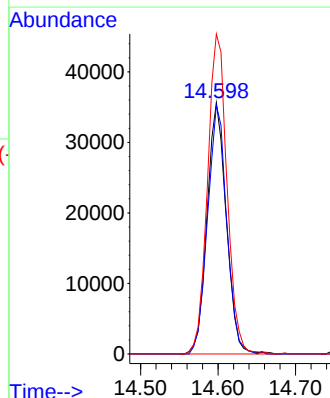
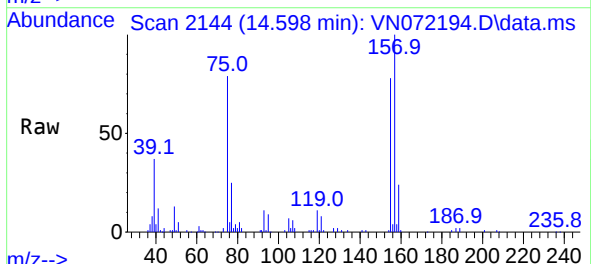
Manual Integrations
APPROVED

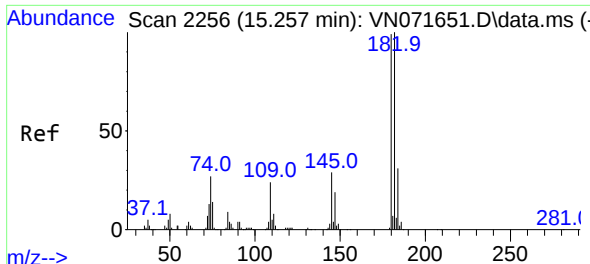
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.019 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Tgt Ion: 75 Resp: 61221
Ion Ratio Lower Upper
75 100
155 98.6 44.9 134.5
157 129.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 48.174 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

Instrument :

MSVOA_N

ClientSampleId :

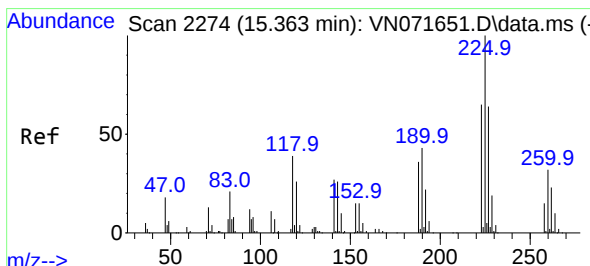
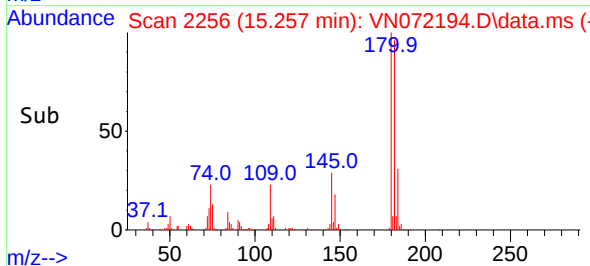
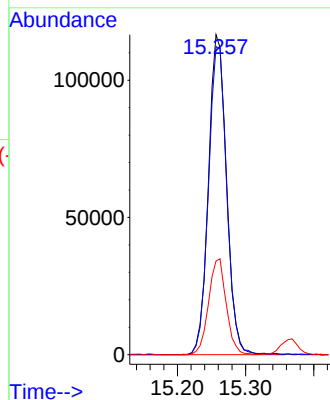
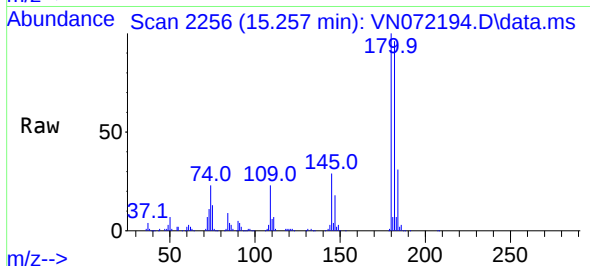
VSTDCCC050EC

Tgt Ion:180 Resp: 21481
Ion Ratio Lower Upper
180 100
182 97.3 47.5 142.5
145 29.3 14.5 43.5

Manual Integrations

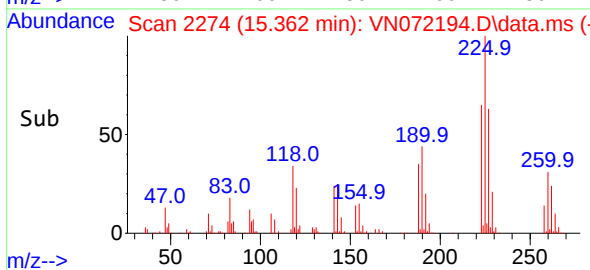
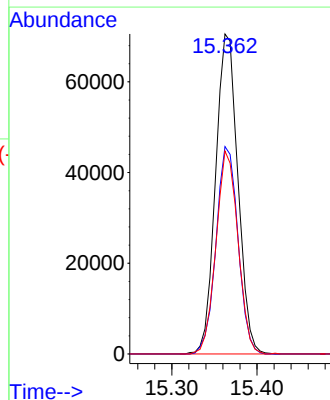
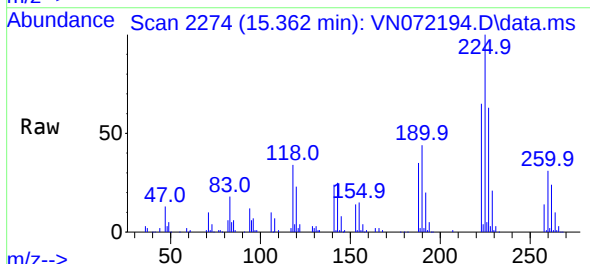
APPROVED

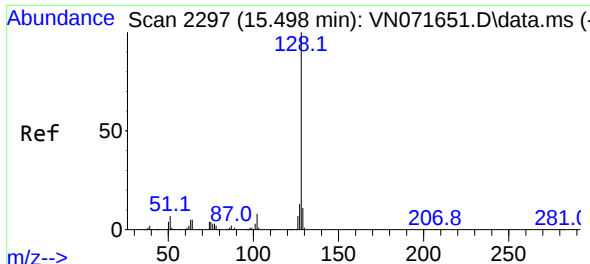
Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#94
Hexachlorobutadiene
Concen: 46.844 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

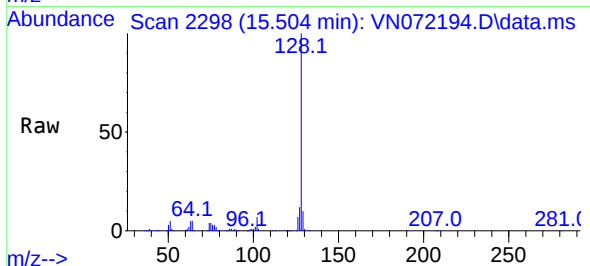
Tgt Ion:225 Resp: 128104
Ion Ratio Lower Upper
225 100
223 63.8 32.4 97.2
227 62.4 31.8 95.4





#95
Naphthalene
Concen: 51.839 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06

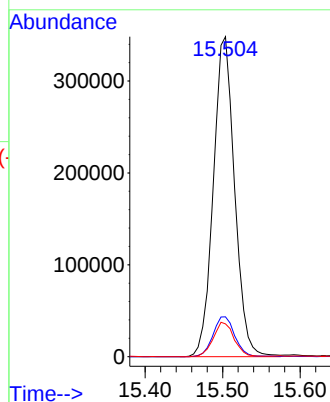
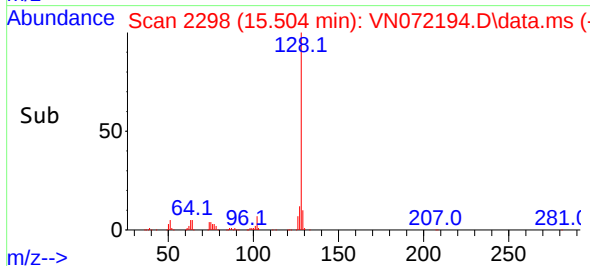
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



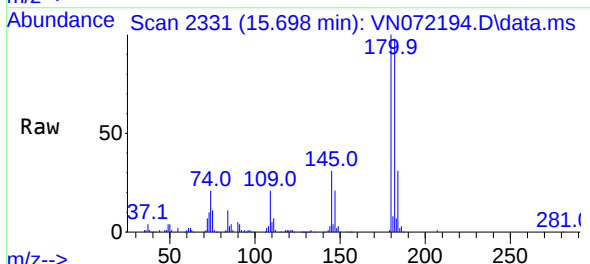
Tgt Ion:128 Resp: 664430
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/26/2022
Supervised By :Mahesh Dadoda 04/26/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.687 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072194.D
Acq: 25 Apr 2022 21:06



Tgt Ion:180 Resp: 219456
Ion Ratio Lower Upper
180 100
182 96.4 47.8 143.3
145 30.6 15.5 46.5

